

AMERICAN NURSEYMAN

AMERICAN NURSERY TRADE BULLETIN

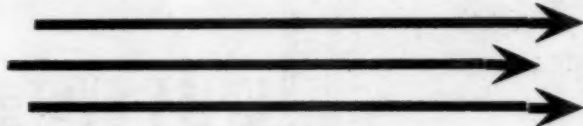
Chief Exponent of the American Nursery Trade

Vol. XLV No. 9

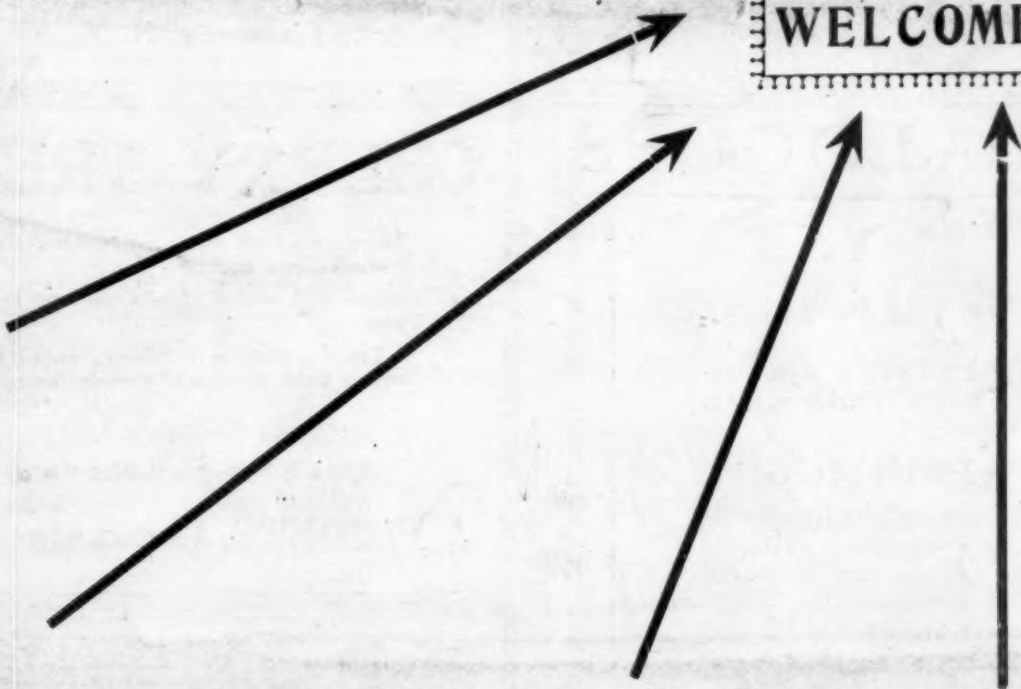
JUNE, 1, 1927

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**June 21st,--all roads lead to
Painesville !**



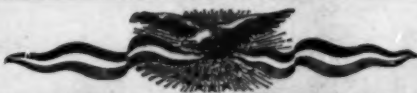
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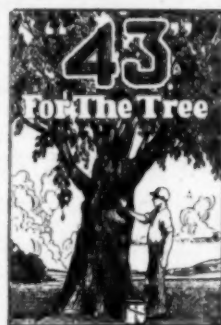
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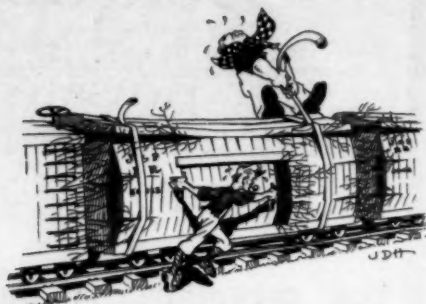
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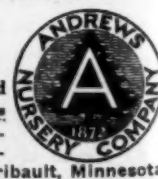
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AMERICAN NURSERYMAN --- June 1, 1927

EDITORIAL DEPARTMENT—Communications on any subject connected with Commercial Horticulture, Nurseries or Arboriculture are cordially invited by the Editor; also articles on these subjects and papers prepared for conventions of Nursery or Horticultural associations. We also shall be pleased to reproduce photographs relating to these topics, Orchard Scenes, Cold Storage Houses, Office Buildings, Fields of Stock, Specimen Trees and Plants, Portraits of Individuals, etc. All photographs will be returned promptly.

Advertising—Advertising forms close on the 25th of each month. If proofs are wanted, copy should be on hand one week earlier. Advertising rate is \$2.50 per column-width inch.

"AMERICAN NURSERYMAN" is distinctive in that it reaches an exceptional list and covers the field of the business man engaged in Commercial Horticulture—the earl operator. Here is concentrated class circulation of high character—the Trade Journal of Commercial Horticulture, quality rather than quantity.

"AMERICAN NURSERYMAN" will not accept advertisements that do not represent reliable concerns.

SUBSCRIPTIONS—"AMERICAN NURSERYMAN," published semi-monthly, on 1st and 15th, will be sent to any address in the United States for \$2.50 a year; to Canada or abroad for \$3.00 a year. Single copy fee of current volume, 25c; of previous volumes, 25c.

RALPH T. OLCOTT
Editor, Manager

AMERICAN FRUITS PUBLISHING COMPANY INC.

39 State Street,
Rochester, N. Y.

WHAT THIS MAGAZINE STANDS FOR—Clean chronicling of commercial news of the Planting Field and Nursery. An honest, fearless policy in harmony with the growing ethics of modern business methods.

Co-operation rather than competition and the encouragement of all that makes for the welfare of the trade and of each of its units.

Wholesome, clean-cut, ring true independence.

INDEPENDENT AND FEARLESS—"AMERICAN NURSERYMAN" makes no distinction in favor of any. It is untrammelled in its absolutely independent position and is the only Nursery Trade publication which is not owned by nurserymen.

This Magazine has no connection whatever with a particular enterprise. Absolutely unbiased and independent in all its dealings.

Though it happens that its place of publication is in the eastern section of the country, it is thoroughly National in its character and international in its circulation.

Its news and advertising columns bristle with announcements from every news corner of the Continent.

It represents the results of American industry in one of the greatest callings—Commercial Horticulture in all its phases of Nursery Stock, Orchard and Landscape Planting and Distribution.

Classified Business Announcements In this Issue

AN INDEX OF CURRENT WANTS AND OFFERINGS IN THE NURSERY TRADE

Alken, George D.....	Red Oak Seed.....	228	Library Department	Horticultural Books	235
American Bulb Company.....	Dutch Bulbs, Etc.....	227	Little Tree Farms.....	Evergreens	231
American Forestry Co.....	Evergreens, Deciduous Trees.....	231	Lovett, Lester C.	Privet and Berberis.....	233
Andrews Nursery Co.....	Raspberries	216	Lutz Peony Farms.....	Peony Roots	233
Atlantic Nursery Co.....	Young Stock	228	March Automatic Ir. Co.....	Irrigation System	216
Audubon Nurseries	Ornamental Nursery Stock.....	227	Monroe Nursery	Evergreens, Trees, Shrubs.....	215
Bailey's Nursery, J. V.....	Special Announcement	216	Monticello Nursery Co.....	Pecan Trees, Etc.....	233
Bernardin, E. P.....	General Nursery Stock.....	231	Mountain View Floral Co.....	Portland Roses	231
Bobbink & Atkins.....	Broad-leaf Evergreens	228	Naperville Nurseries	Special Announcement	218
Bolling Farms Nurseries.....	Shrubs, Evergreens, Etc.....	231	Naperville Nurseries	Young Stock	228
Burr & Company, C. R.....	Special Announcement	218	Neosho Nurseries Co.....	Tree Digger	227
California Nursery Co.....	Boxwoods	230	Northeastern Forestry Co.....	Evergreen Seedl'gs and Transp'ts.....	228
Champion & Son, H. J.....	Shrubs, Roses, Etc.....	231	Nurseryman's Library	Special Offer	235
Chase Company, Benjamin.....	Nursery Labels	227	Ohio Nursery Company	Paper Labels	231
Cole Nursery Co.....	Shade Trees, Shrubs.....	233	Onarga Nursery Co.	Ornamental Nursery Stock.....	215
Commercial Nursery Co.....	Peach, Apple, Plum.....	231	Onarga Nursery Company.....	Lining Out Stock.....	229
Conard-Pyle Company	Lining Out Stock, Roses.....	229	Painesville Nurseries	General Nursery Stock.....	213
Coniglsky B. F.....	Plate Books	227	Parsons Wholesale Nurseries.....	General Nursery Stock.....	231
Conwell, H. Ernest.....	Boxwood	233	Peerless Dust Gun Co.....	Hand Duster	216
Cultra Brothers	Young Stock	233	Peters, Charles M.	Grape Vines	228
Cumberland Valley Nursery.....	Peaches and Apples.....	233	Portland Wholesale N. Co.....	Special Announcement	233
Cyclopedia of Horticulture.....	Standard Works	232	Princeton Nurseries	General Nursery Stock.....	230
Detriche & Son, Chas.....	French Fruit Stock.....	227	Process Color Printing Co.....	Color Prints	233
Dintelmann, L. F.....	Apple Scions	232	Rambo, L. J.....	Strawberry Plants, Blackberry.....	231
DIRECTORY	Growers of Young Stock.....	228-229	Ramsay & Co., L. W.	Advertising for Nurserymen.....	231
DuBois Press	Horticultural Printing	214	Reed, W. C. & Son	Cherry, Pear, Apple, Peach.....	215
Elm City Nursery Company.....	Lining Out Stock.....	228	Robertson-Vistica Nursery.....	Fruit Tree Seedlings.....	228
Essig Nursery	Grape Vines	231	Robinson, A. E.....	Asparagus Roots	215
F. & F. Nurseries.....	Special Announcement	218	Robinson, H.	Palmetto Palms, Etc.....	215
Fairfield Nurseries	Grape Vines	228	Rose Farm, Inc.	Roses	227
Fleu, Jr., Conyers B.....	Tree Seeds	231	Royal Palm Nurseries	Lining Out Stock.....	229
For Sale	Peony Roots	232	Sargent, Lester L.....	Patents	227
Forest Nursery Co.....	General Nursery Stock.....	227	Scarf & Son, W. N.	Small Fruit Plants.....	231
Franklin Forestry Co.....	Lining Out Stock.....	228	Scotch Grove Nursery	Evergreens	228
Garden Nurseries	Iris Buxus	227	Sherman Nursery Co.....	General Nursery Stock.....	228
Gardner's Nurseries	Special Announcement	230	Simpson Nursery Co.	Pecan Trees	233
General Novelty Corp.....	Copper-Wired Tree Labels.....	233	Skinner & Co., J. H.	Fruit Trees, Privet, Etc.....	215
Gibson-Homans Western Co.....	Tree Surgery	215	Standard Engine Co.....	Garden Tractor	231
Griffing Co., C. M.....	Fruit and Nut Trees, Roses.....	233	Stanley, O. H.....	Sphagnum Moss	233
Herbst Bros.	Tree and Shrub Seeds.....	233	Stark Bros., N. & O. Co.....	Special Announcement	218
Hees' Nurseries	Lining-out Stock	228	Storrs & Harrison Co.	General Nursery Stock.....	213
Hill Nursery Co., D.....	Evergreen Specialist	236	Summit Nurseries	Pecan Trees	227
Hill Nursery Co., D.....	Young Stock	228	S-W Supply Company.....	Perfection Markers	227
Hobbs & Sons, C. M.....	General Nursery Stock.....	214	Thomas Co., W. W.....	Special Service Announcement.....	231
Home Nursery	Ulmus Pumila	232	Titus Nursery Co.	General Stock for Exchange.....	216
Horticultural Advertiser	English Trade Periodical.....	232	United Litho & Ptg. Co.....	Plate Books, Catalogues.....	227
Howard-Hickory Co.	Peach Pits	231	Van Veen Nursery Co., Theo.....	Lining Out Stock.....	233
Howard Rose Co.	Rose Bushes	215	Vincennes Nurseries	Cherry a Specialty.....	215
Hubbard Company, T. S.	Grape Vines, Berry Plants.....	233	Wanted	Nursery Salesman	232
Huntville Wholesale Nurs.....	General Nursery Stock.....	214	Wanted	Perennial Grower	232
Hyper-Humus Co.....	Special Announcement	231	Wanted	Retail Agency Manager.....	232
Ilgensfritz Sons Co., I. E.....	Evergreens, Trees, Shrubs.....	215	Wanted	Man for Field Work.....	232
Interstate Nurseries	Fruit and Nut Trees, Roses.....	233	Waylde Gardens Co.	Hardy Perennial Plants.....	215
Jackson & Perkins Co.....	Ornamental Stock	216	West & Sons, T. B.....	Fruit Trees	227
Jones, J. F.	Cherry Tree a Specialty.....	214	Williams Nursery Co., L. E.....	Evergreens, Trees, Shrubs, Etc.....	228
Kelly Bros. Nurseries	Cherry Trees	214	Wilson & Company, C. E.....	Seedlings	228
Kelley Nursery Service.....	General Nursery Stock.....	233	Young, Robert C.	Boxwood	227
Leonard & Son, A. M.....	Nursery Tools	231			

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500	" " "	3-4 ft.
500	Weigela rosea (Pink weigela)	2-3 ft.
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500	Forsythia Fortunei	2-3 ft.
500	Hydrangea pan. grand. (Hy. Peegee)	18-24 in.
500	" " "	2-3 ft.
600	Lonicera grand. rosea (Pink)	
1000	" morrowi (Morrow honeysuckle)	3-4 ft.
500	" tartarica alba (White Tartarian honey-suckle)	3-4 ft.
500	Rhus typhina laciniata (Shredded sumac)	4-6 ft.
1000	Viburnum dentatum (Arrowwood)	2-3 ft.
1000	" opulus sterile (Common Snowball)	18-24 in.
500	Populus eugeni (Carolina Poplar)	6-8 ft.
500	" " "	8-10 ft.

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1000	Excelsa
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500	White Dorothy
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300	Gen. Jacqueminot
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200	LaFrance
100	Marshall P. Wilder

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61st Year

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biggest and most enjoy-
able season we thank
you and hope you will
visit us this summer.

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PRINCETON NURSERIES, PRINCETON, N.J.

AMERICAN NURSERYMAN

[Reg. U. S. Pat. Off.]

The Chief Exponent of the American Nursery Trade National Journal of Commercial Horticulture

Entered September 6, 1916, at Rochester, N. Y. Post Office as second-class mail matter

WITHOUT OR WITH OFFENSE TO FRIENDS OR FOES, I SKETCH YOUR WORLD EXACTLY AS IT GOES.—BYRON

Vol. XLV

ROCHESTER, N. Y., JUNE 1, 1927

No. 9

THE NURSERYMAN PAYS THE ARCHITECT'S FEE But He Objects To Discount to Client, Says John Watson

A subject often discussed in Nursery trade circles has reached the florist trade through publication in the Florists Exchange of the address by Prof. Karl B. Lohman, University of Illinois Landscape School, at the last convention of the Illinois Nurserymen's Association (published on page 70 of the May 1st issue of the *American Nurseryman*) and replied to in the Florists Exchange by John Watson, Rochester, N. Y.

The discussion by Prof. Lohman and Mr. Watson may receive special consideration at the Cleveland convention of the American Association of Nurserymen, in further effort to secure uniformity of action in the trade and with particular bearing on the allegation that the practice of individual Nursery concerns is governed not by what they may think is the proper course but by what their competitors are doing.

Mr. Watson says in part:

The Nurseryman is a manufacturer and it is not at all to his discredit that he is not always as well trained in the best uses for his goods as he is in their manufacture. Furniture manufacturers are not also interior decorators; a lumber merchant need not be also a house architect. There is a place and a very important place for professional planners and advisers. What I, as a Nurseryman, object to, is that we, alone of all business men, are expected to sell our goods to those who buy through landscape architects at prices that we refuse to give to our customers who bring their orders directly to us. The Nurseryman is the only business man that does that. He does it for the same reason he does a lot of other things: because if he didn't his competitor would. About two per cent of the Nurserymen run their own businesses; the plan and methods of the rest are determined by what their competitors do or are suspected of doing.

The landscape architects have a complaint and a valid one: They object to the Nurseryman doing a landscape business without charging for landscape service. I think the more conservative would hardly go the whole way with Prof. Lohman in objecting to any Nurseryman planning and planting a place (even if entirely competent to do so) because, with trees to dispose of, he would be apt to use too many of them! However, if the objection is limited to Nurserymen giving away something that landscape architects charge for, the objection is valid.

Buyers of Nursery stock should reasonably expect and certainly get from Nurserymen (and without extra charge) such information and advice as will enable them to get the most out of what they buy. If they get plans and specifications and supervision, they should pay for these. If Jones buys a certain lot of trees and plants for \$100, and Brown gets the same assortment and \$25 worth of work thrown in, that is unfair trading and Jones has a valid cause for complaint. Selling trees is one thing; selling something else in addition is—well, something else. There can be no possible objection to a Nurseryman making plans, drawing up specifications, furnishing esti-

mates, supervising landscape work and planting, or doing any and all the things ordinarily done by a landscape architect, provided he is competent to do the job and provided he gets paid for it. This means extra, additional service; service beyond what is ordinarily attached to the sale of goods. For him not to charge for it means that he is competing unfairly with the landscape architect and with other Nurserymen who do.

There has been a lot of argument over what prices the client of the landscape architect should pay. Well, why should he not pay what everybody else is expected to pay?

The activities of the landscape architects are of value to the Nurseryman in his business. They create business, and creating orders is vastly more important than merely taking the orders that come. Orders are worth money to the Nurseryman. He is willing to pay for those that are created and brought to him. But he has a right to object to paying for that business except in the direct way, that is, to the producer of it. He has a right to object to paying for orders in a way that hurts his business and keeps him from getting other orders.

The whole difficulty lies with the high horse ridden by the landscape architect, who is jealous of his professional status. The landscape architect insists that, as a professional man, he cannot soil his hands with trade. He may not buy and sell. He may not accept a commission from the Nurseryman—directly. His professional status remains secure when his honorarium is paid him by his client, the planter. But it is the Nurseryman's money that he gets. His client pays him the equivalent of the Nurseryman's discount; it may be more and it may be less, but the Nurseryman pays the architect's fee. The Nurseryman does not object to that; neither to the money nor its amount. What he objects to is the method which demands that he give the architect's client prices that he cannot give his direct customer!

The problem won't be solved. Nurserymen very generally will continue to discriminate against their own customers in favor of those who buy through landscape architects. They will go right along taking such orders at trade prices—or as much more as they think their competitors won't go under. They will do that because they know or suspect that others will if they don't. At some time in the future, when more and more of the large orders gravitate towards the landscape architects (because of the lower prices they can offer their clients), the pinch of reduced returns may serve to bring some unity of action and agreement for the protection of the profits of an industry worth preserving. But that will be in the distant future. In the meantime, committees will discuss, consider and report progress.

Chase Brothers Co's. Special Sale—The packing house of Chase Brothers Co., Rochester, N. Y., presented a lively scene the early part of last month as a result of advertising in the local press of a sale at special prices of a large and varied stock of trees and plants directly to consumers who would call for the material and take it away. The sale was the outcome of an unusually heavy surplus.

British Comment on Names

Horticultural Advertiser, England

We have a letter from Mr. P. den Ouden, of the well-known Boskoop firm, enclosing copy of a communication he has sent to the American Committee which produced the list of Standardized Plant Names.

He acknowledges the good work done by them, but wishes to see it go farther, and suggests that, firstly, the Vienna Code of 1905 should be carried out, and secondly, that there should be international co-operation to secure uniformity.

For the benefit of those who have not studied the subject, we may say that the chief point of the Vienna Code is that the oldest name given by any author from Linneus' time, accompanied by a recognizable description should be accepted as correct.

In our own business we are faced with the difficulty that if we use the latest published name, the average gardener or amateur does not know what is meant, and we may lose a customer through misunderstanding. On the other hand, if we use the old familiar names, some of our amateur experts class us among the "unlearned and ignorant."

Logically speaking, the only way to secure uniformity is by strict adherence to a universally accepted rule, but in practice things do not work out quite as they ought, and in sciences where the Vienna Code has been adopted, there are still endless arguments going on, differing authors, each sticking out for a name of his own.

Is it worth while enduring the evils of a great upset and change in names, without any very definite prospect of finality, and the chance that when we have learned a new set, they may be altered again in a few years time? Take the familiar instance of the Hepaticas, which the Olympians transferred to Anemone; and now that some of us are getting used to the change, we hear that they are to go back to Hepatica again.

Our American friends have fumbled radical changes and their Standard List is a good example of compromise. We are inclined to think that they did the best under the circumstances, but fortunately it is almost impossible to base an international agreement on compromise, so that they will probably stand by themselves for the present.

Boxwood in Strong Demand

A Chestertown, Md., dispatch says: Boxwood of the Eastern Shore is bringing top prices from city residents seeking to improve their suburban estates with rare plants and foliage. Last year one Kent County farm landlord sold a quantity of the box for \$6000. This week a Great Neck matron purchased a quantity of boxwood from a Nurseryman who had, in turn, bought it from a local farmer for \$1000. It is said the Nurseryman made a considerable profit on the deal. The soaring price of boxwood, which carries with it a Colonial atmosphere, is said to be due not only to its growing scarcity but to the fact that a generation is required in which to grow a sizable quantity of the decorative hedge.

Orange County, Cal., Nurserymen meet monthly at local Nurseries for conference on trade topics.

SOME FEATURES OF THE CONVENTION CITY CLEVELAND

Fifth City in Size and Importance in United States

FROM an isolated trading post in the wilderness in 1796 to a thriving, bustling metropolis of more than a million souls today—this, in a nut-shell, is the history of Cleveland.

Members of the American Association of Nurserymen are to assemble for their 52nd annual convention in surroundings of exceptional interest. Aside from the special feature of June 21st—the all-day tour of the greatest Nursery center in this country if not in the world, the fertile Lake County of which Painesville is the principal point of interest—there will be opportunity to learn much of the City of Cleveland.

The city has grown, not by leaps and bounds, but by steady, substantial processes, until it now ranks fifth in the United States in population. It is among the thirty largest cities in the world. Situated, as it is, on the southern shore of Lake Erie, at the logical and most economical meeting point of iron ore, coal and limestone, Cleveland has become a power in industry and holds an enviable position in international commerce.

Early settlers of Cleveland little dreamed that in the short span of one hundred and thirty-one years their trading post of a score of people would grow into a city covering 68 square miles of densely populated land, or that the ground for which they paid as low as thirty cents an acre, would later sell as high as \$25,000.00 per front foot and have a total assessed valuation of nearly two billion dollars. In those primitive days who could visualize this remarkable growth?

Skyscrapers have replaced the log cabins of early pioneer days, miles and miles of paved streets, thronged by thousands of motor vehicles and pedestrians have taken the place of a few Indian trails, while thousands of magnificent homes have sprung up on ground that a century ago was wilderness and waste.

A GREAT INDUSTRIAL CITY

Within the boundaries of Cleveland, more than 3,000 plants annually manufacture in excess of a billion dollars' worth of products. Close to 200,000 officials, clerks and wage earners are employed in this work. The capital invested exceeds \$762,000,000.

In the heart of a strong buying market—

a field of unlimited trade possibilities—Cleveland naturally thrives industrially. Half the population of the United States and Canada lives within a radius of 500 miles of this bustling metropolis. Its industries supply not only the people of the United States but many other nations as well with an amazing variety of products. In many of these products Cleveland leads the world in total output.

Cleveland has 14.2 miles of lake frontage, protected by a breakwater 5½ miles in

constructed at a cost of \$20,000,000, which makes a circuit of nineteen miles around the city, intersecting every railway at a point near the yards of each road without crossing at grade any of the street railway lines or principal thoroughfares. The belt line affords Cleveland wonderful shipping facilities and authorities say it is the shortest and most convenient belt line and with the easiest grade in any large city in America.

On a normal day Cleveland has a surplus



PUBLIC SQUARE, CLEVELAND

length, constructed by the Federal Government at a cost of approximately \$6,000,000, with an additional \$1,000,000 expended in dredging and maintenance. The harbor has a spacious entrance and extensive dockage for passenger and freight service. The Cuyahoga River, which empties into the western end of the harbor, is also lined with docks adjacent to which are many furnaces, factories and lumber yards. Unexcelled facilities are offered for handling iron ore and coal.

TRANSPORTATION FACILITIES

Cleveland is served by seven steam railroads. Interchange of traffic between these railways is made possible by a belt line,

of 800 to 1100 day Cleveland has a surplus first-class hotels. Six hotels alone have 4,000 rooms—each with private bath. These latter hotels are modern, splendidly equipped and especially designed for conventions. Five of them have numerous assembly, banquet, committee and private dining rooms. In addition Cleveland has nine magnificent apartment hotels and scores of smaller hostels.

A marked feature of the larger hotels is that their assembly banquet and committee rooms are located no higher than the mezzanine floors. This relieves the congestion to be found constantly at elevators in hotels having these rooms on upper floors.

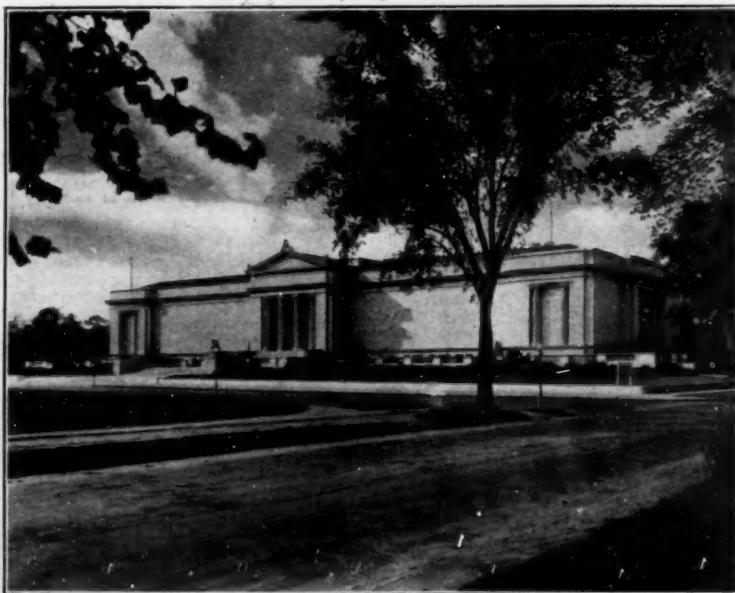
A further reason why convention delegates have been favorably impressed with Cleveland and have desired to return here is the rigid policy of the hotels of not increasing rates, irrespective of heavy demands for rooms.

Hotel managers in Cleveland welcome the opportunity to serve conventions and to co-operate in insuring successful sessions and comfort and convenience for their guests. Their efforts in this direction have played no little part in building up Cleveland's enviable reputation as a convention city.

RECREATION ABOUNDS

From the standpoint of recreation Cleveland offers a greater variety than most large cities. In the summer it may be a tour through the city's great park system, a dip in Lake Erie, golf, a major league baseball game or a visit to one of many summer resorts near by. In the winter it may be dancing, ice hockey games, bowling or indoor golf. These and many other forms of recreation are open to the visitor.

Convention delegates invariably find unusual attractions at Cleveland's magnificent



MUSEUM OF ART, CLEVELAND

THE TRIUMVIRATE WHICH HEADS THE A. A. N.



EARL E. MAY, President
Shenandoah, Ia.



CHARLES SIZEMORE, Treasurer
Secretary and Traffic Mgr., Louisiana, Mo.



WALTER W. HILLENMEYER, Vice-Pres.
Lexington, Ky.

Regional Officers U. S. D. A.

Regional offices to serve as contact stations between the Bureau of Agricultural Economics, U. S. Department of Agriculture, and public and private marketing and research agencies in the Pacific Coast region, are to be opened, one in San Francisco, for the Southwest, July 1, and later another for the Pacific Northwest.

Thirteen towns in Vermont and two in Connecticut will be included in the barrier zone and in consequence will be released from the gipsy moth and brown tail moth quarantine July 1, it is announced by the Federal Horticultural Board, U. S. D. A.

Columbia & Okanogan Nursery Co., Wenatchie, Ore., has a four-colored insert in the A. A. N. badge book for the Cleveland convention, this month, illustrating the Richard Delicious apple to which reference has been made in the *American Nurseryman*.

New A. A. N. Members

Following are the new members taken in to the A. A. N. since last report:

Chas. F. Irish Co., Inc., Arborists, 414 E. 105th St., Cleveland, Ohio.

Post Express Printing Co., 192 Mill Street, Rochester, N. Y.

Southern Nursery & Landscape Co., Inc., Winchester, Tennessee.

AMERICAN NURSERYMAN. Chief Exponent, twice a month, \$2.50 per year. Three years, \$6. Canada, abroad, 50c. extra per year.

ILLINOIS NURSERYMEN'S ASSOCIATION

N. E. Averill, Dundee, Secretary

Members of the association have received the following announcement by Secretary N. E. Averill:

"How would you like to spend a day this summer in the Michigan Fruit Belt? Where ripe, juicy peaches, luscious grapes and the finest hospitality in the land are found.

"And a picnic table spread under the cooling shade of fruit laden trees. With your family, employees and brother Nurserymen entering into the spirit of the occasion to make it a day of enjoyment and relaxation away from your business cares and worries.

"This is the thought the Executive Committee had in mind when they instructed me to write you regarding a proposed boat trip across Lake Michigan to the fruit belt some day this summer.

"Plans are under consideration now for all the members of the Illinois State Nurserymen's Association to take such a trip this summer.

"Will you go? Fill out and return the enclosed card to me so I can report back to the Executive Committee and get the details arranged, a date set, and a committee working for a day of recreation you will long remember."

theatres. In "Playhouse Square," a recent development in the grouping of show houses, may be seen the highest character of plays, vaudeville or moving pictures. A total of 12,000 seats are available in this district alone. One of these theatres is said to be the finest in the world.

Cleveland offers many other attractions for visitors, including one of the finest shopping districts in America, beautiful parks and boulevards, fine residential sections, historical points of interest, and country clubs. Above all, visitors have found in Cleveland a spirit of good fellowship and they invariably carry away pleasant memories and have a desire to return.

THE PARK SYSTEM

A motor trip through the parks always proves a delight to visitors. Extending like a girdle around the greater part of the city, the park and boulevard system is unrivalled by any city in the United States in its picturesque natural scenery. Deep ravines, waterfalls, fine old forests, sandy stretches of beach and huge rock formations of Lake Erie's shoreline, all combine to give these pleasure grounds rare charm.

Twenty parks, with more than 40 miles of well paved driveways and boulevards, comprising 2,420 acres, make up this great system. It contains 14 children's playgrounds, 50 baseball diamonds, 63 tennis courts, 14 skating ponds, 15 football fields and a sporty 27-hole municipal golf course.

In addition to this splendid park area, Cleveland and its surrounding territory embraces what is known as the Metropolitan Park District. This system, now under development, combines into one continuous outer encircling parkway the more important valleys and glens in Cuyahoga county and parks of the neighboring counties. The original project was a parkway approximately 70 miles in length, with an estimated area of 7,500 to 10,000 acres. The project now proposed embraces between 15,000 and 20,000 acres of parks and parkways.

To Beautify School—The Board of Education of the Earlville, Ill., High School has awarded the contract for the landscape work to Young's Aurora Nurseries, Inc., Aurora, Ill.

AMERICAN NURSERYMAN should be regularly on your desk. A business aid. Bristling with exclusive trade news. Absolutely independent. NOT OWNED BY NURSERYMEN.



ROSE GARDENS, CLEVELAND

STATE GOVERNMENT'S REPLY TO NURSERYMEN'S PROTEST

Memo to the Secretary of the Department of Forests & Waters:

This Department was asked to have a representative at the annual meeting of the Pennsylvania Nurserymen's Association at the Adelphia Hotel, Philadelphia, on Thursday, January 13th. It was the plan of the Association to discuss the Department's free tree distribution policy. The invitation was accepted and Mr. Humphreys, the President of the Executive Committee, was advised that the writer would attend. On Friday, January 7th, Mr. Humphreys, who is also President of the Committee of the Pennsylvania Nurserymen, directed to investigate this Department's tree distribution policy, sent a very scathing report to all members of the Association and to the press. A copy of the statement is attached hereto. It was believed wise to refrain from a public statement in reply to the Nurserymen's charges until after the question had been discussed at the Nurserymen's meeting.

The writer appeared at the scheduled place of meeting a short time before the meeting was opened, and was treated very cordially by the various members of the Association who were personally known. After Mr. Humphreys and Dr. Doyle, the latter being President of the Association, informed me that the fight was not against personalities, but against the policy of the Department, which they proposed to give a thorough airing. The conditions which brought about the Nurserymen's press statement were discussed confidentially with Mr. Humphreys who said the reason such action was taken was that they had tried repeatedly since last November to make an appointment with Governor Fisher and discuss the matter, but they had not been successful. They then decided that the best way to get the information to him would be through the press.

After the opening of the meeting and the usual routine work, the President called upon Mr. Humphreys to state the case against the Department's tree distribution policy. This was done by reading the statement which six days before had been submitted to each Nurseryman and to the press. Mr. Humphreys then led a short discussion after which the President gave the writer an opportunity to explain the distribution policy and to be questioned by the Nurserymen concerning it.

The title of the Nurserymen's statement, THE PENNSYLVANIA DEPARTMENT OF FORESTS AND WATERS AS IT OPERATED IN OPPOSITION TO PENNSYLVANIA NURSERY INTERESTS, is unjust, because the State Nurseries are not operated in opposition to Pennsylvania commercial Nursery interests. The aim of the Nurserymen, namely that state forest planting stock shall not compete with theirs for shade and ornamental purposes, is identical with that of the Department. Planting breeds planting and as a result of the distribution of forest trees from the State Nurseries each forest tree planter automatically becomes a prospective shade and ornamental tree enthusiast who will purchase such trees from the shade and ornamental tree Nurserymen. Two cases may be cited:

First—A prominent lawyer whose father planted forest trees twenty years ago now has excellent forest plantings of various kinds. These forest plantings induced the son to become interested in the planting of shade and ornamental trees. This year he has made an unqualified offer to pay all expenses incident to the purchase and planting of one mile of highway shade trees. These trees will be purchased from commercial Nurserymen.

Second—A woman who began to plant forest trees from the State Nurseries in 1917 became so interested in tree planting that she has been, as one shade and ornamental tree Nurseryman has stated, "a consistent customer of his for the last six years."

The love for shade and ornamental tree planting was instilled into the minds of these persons as a result of forest tree planting and because of no advertising or effort on the part of commercial Nurserymen. Many similar cases may be given where persons who planted forest trees have become so interested that they have expanded their interests to the plantings of shade and ornamental trees.

The acts authorizing the Department of Forests and Waters to plant and distribute forest trees were referred to in the Nurserymen's statement two times, in paragraph 1 on page 1 and paragraph 6 on page 3. Both references are incorrect because the original law creating the Department said nothing about forest tree Nurseries and the 1915 law under which trees are now distributed does not mention a "checking system."

An effort was made to learn what was intended by the statement in the first paragraph that "For several years after this Department was created it followed closely along these lines." Apparently nothing definite was meant. The only reference that could have been intended must have been to the old idea of sending a form to all land owners at the time they received trees. This report requested data concerning the planting site and the cost of setting out the trees. The former now is included in the original application. The latter is of no value because some planters set out the trees themselves and report that it cost them nothing, while other planters employ landscape gardeners to do the work at exorbitant prices.

Errors in figures given for 1925 and 1926 for trees distributed to private land owners and those planted on the

State Forests and the area given as State Forests should be noted. The statement made on the top of page 2, that the figures for state planting had not been published, is entirely unwarranted because at the end of every spring and fall shipping season the information is given to the press. It is also used frequently in the tabulation of the Federal Forest Service, published in "American Forests and Forest Life," and "Forest Leaves," together with the annual report of the Bureau of Extension.

It should be remembered that the 1915 law authorizing tree distribution requires the Department to distribute trees free and to charge the cost of packing and boxing, which now amounts to \$1.50 per thousand trees. The prices which the Nurserymen have given as an average for forest trees by their own members seems high because 500,000 trees are offered by a private tree Nursery in Pennsylvania at a cost of \$4 and \$5 per thousand. The Pennsylvania commercial Nurserymen have never grown trees for reforestation, and for this reason the last sentence in paragraph 4 on page 2 cannot be correct.

The statement made in the Nurserymen's report that trees distributed from the State Nurseries have not been used for reforestation is not founded on facts. The result of a study made in 1924 which has been printed in "Forest Quarterly" in an article entitled "Free Distribution of Forest Trees in Pennsylvania" proves this point. It also shows that the statements concerning the use of trees "by wealthy land owners for no other purpose than for the embellishment of private estates" is incorrect. The only cases that would appear to come under the last paragraph on page 2 is the Benke case which was brought to the attention of the Department by a representative of the Nurserymen's Association two years ago. The few trees that actually were in competition with the commercial Nurserymen's products were in competition because a Nurseryman in Philadelphia persuaded an injured veteran of the World War to dispose of some of the trees on his recently acquired property contrary to the Nursery inspection laws and to the conditions under which trees are distributed from the Department Nurseries.

The Nurserymen advocate the use of trees from the State Nurseries first for planting on state lands. It was pointed out that there are less than 35,000 acres on State land in need of reforestation and that the work cannot go ahead at the present time with reasonable assurance of success because of damage by deer. It is useless to plant trees when as high as 30% are killed in one year by deer browsing. When the Game Commission has solved this problem of deer damage as it relates to private land, undoubtedly the problem as it relates to State land will be answered and reforestation on the States forests can go ahead.

The demand of the Nurserymen that "trees be supplied to private owners only when it will be assured that they will be planted for reforestation" can be worked out for the Valley Forge District as in every other district of the state. It may be true that some trees are not being used for reforestation or windbreaks but this is the exception. While many statements are grossly exaggerated it is true that without a resident District Forester in the Valley Forge District, the Department cannot check the use of trees as the conditions warrant. If a resident District Forester were appointed he would keep a careful check on all trees supplied from the State Nurseries as is done in other forest districts.

The demand that trees be sent out at a figure which will protect Pennsylvania Nursery interests is a matter for the Legislature to decide. The present law states specifically that the trees must be supplied free.

The practice of supplying trees for Christmas purposes to be marketed in sizes from 2 to 10 feet was discontinued at the request of commercial Nurserymen two years ago, and therefore would appear to have no place in the present discussion.

At the close of the Nurserymen's meeting it was recommended that a few changes in the Department's distribution policy undoubtedly would improve the conditions which brought disapproval from commercial Nurserymen. They may be listed as follows:

First: INCREASE THE MINIMUM LIMIT OF TREES DISTRIBUTED TO ONE APPLICANT TO 1,000 OR SUCH A NUMBER AS WILL PERMIT INSPECTION BY DISTRICT FORESTERS OF PLANTING SITES BEFORE THE TREES ARE FURNISHED. It is believed that this is altogether possible and practical under the Department's system of distributing trees. This question has been discussed at all meetings of Pennsylvania Foresters during the last five years and increasing the minimum number allowed to one applicant is looked upon favorably. The applications on file in the Department offices for trees that are to be shipped next spring show that 278 applications requesting 128,000 trees include all applications for less than 1,000 trees. It is believed that progress in forest tree planting will not be retarded by this change in policy since less than 1% of the trees distributed are involved.

Second: TREES SHOULD NOT BE SUPPLIED FOR PLANTING ON LAND THAT IS ASSESSED AT MORE THAN \$500.00 AN ACRE OR SOME OTHER EQUITABLE FIGURE BECAUSE FORESTRY CAN-

NOT BE PROFITABLY CONDUCTED ON HIGH PRICED LANDS. This is believed to be an excellent suggestion. It was stated that some of the trees planted in the vicinity of Philadelphia for forestry and windbreak purposes have been set on land that is valued as high as \$25,000 per acre. It requires little stretching of the imagination to say that forestry under such circumstances cannot be profitable. Such lands are more valuable for other purposes than forestry.

Third: DO NOT FURNISH TREES FOR WIND-BREAK PLANTING BECAUSE THIS IS A LEAK THROUGH WHICH MOST TREES USED FOR ORNAMENTAL PURPOSES ARE SECURED. It was reported that rows of trees that are used for ornamentation or for a screen are called windbreaks in applying for trees in order to evade the intent of the distribution policy. The applications for trees now on file show that 61 requests for 29,000 trees have been filed for windbreak plantings. If this is one of the leaks in our distribution policy the Department may easily change it and supply no more trees for this use since less than 1/6 of 1% of the trees distributed from the State Nurseries fall in this class.

Fourth: A RESIDENT DISTRICT FORESTER SHOULD BE APPOINTED FOR THE VALLEY FORGE DISTRICT SO THAT THE TREES DISTRIBUTED IN THAT DISTRICT WILL BE PLANTED FOR THE USE INTENDED BY THE TREE DISTRIBUTION ACT. This is the only district in which a complete check on this work cannot be made and it is impossible to do so until a man is appointed for the purpose. A District Forester in the Valley Forge

District in addition to keeping a check on trees to be planted, could serve as a Forest Fire Inspector, make examinations for working plans, and do other forest work which would give him a full sized man's job.

The question was asked by the Pennsylvania Nurserymen, "Why does the Department distribute a majority of trees to the private planters instead of planting them on state land?" The answer is three-fold, (a) the Department is directed by law to "Promote and develop forestry and knowledge of forestry throughout the State." Tree planting by private land owners is the best method of doing it. (b) Funds appropriated by the legislature may be used for reforestation on the State Forests and for Nursery production. By using the funds available for Nursery production and supplying the trees to private land owners it is possible to get three times as many trees planted in the state as the same funds will grow and plant on the State Forests. It has been considered advisable to continue planting on the State Forests at the rate of half a million trees annually and encourage private capital to enter the work on a large scale. (c) Deer damage to State Forest plantations make it undesirable to plant large acres in some sections of the state until a satisfactory solution to the problem has been reached.

At the conclusion of the discussion the President of the Nurserymen's Association continued the Special Committee for another year. This committee was requested to co-operate with the Department of Forests and Waters in an effort to agree upon a distribution policy that will be satisfactory to both organizations, and will prevent trees from the State Nurseries from being used for shade and ornamental purposes.

JOHN W. KEELER,
Chief, Bureau of Extension.

20,000,000 Trees for Reforestation

Upwards of 20,000 trees have been planted in New York State this spring, according to estimates made by the Conservation Commission at Albany.

"New York State experienced the largest spring planting season that this, or any other state, has ever had since the reforesting movement began," said a statement from the commission.

Because of the rapid growth in past years of the reforesting movement, the state's Nurseries have been greatly increased to insure a supply sufficient to fill all orders. This

has not been possible in former years, the commission said.

Planting of state land in the Adirondacks and Catskill mountains is progressing under direction of the conservation committee. Thousands of small trees are being planted daily.

Thomas C. Luther, who has been reforesting 5,000 acres on his estate in Saratoga county for several years, and who is rated as the largest individual tree planter in the world, had a crew of 40 men at work. Luther informed the commission he hoped to plant 1,500,000 trees.

Dr. Andrew G. Foord of Kerhonkson, who made his first forest plantation in 1914, planted 10,000 trees including white pine, red pine, Norway spruce, white spruce and balsam. In a recent report to the conservation commission, Dr. Foord said his reforestation had been very satisfactory, particularly so with Norway spruce and red pine.

Lord & Burnham Co. has erected a greenhouse 20x54 ft. for the Boyce-Thompson Institute, Yonkers, N. Y.; also a semi-iron greenhouse 35x176 ft. for B. F. Barr Nurseries, Lancaster, Pa.

BARBERRY

Seedlings

Transplants

EVERGREENS

Seedlings

Transplants

APPLE

Baldwin

McIntosh

GUARANTEED

Quality

Service

QUANTITY UNLIMITED

We need your business. It will pay you to look us up at the Convention in Cleveland.

GARDNER'S NURSERIES

Rocky Hill,

Connecticut

To the Trade

A Splendid collection of Specimen Evergreens for August, Fall and Spring delivery in carlots or less.

NEW AND RARE THINGS OF ESPECIAL INTEREST TO NURSERYMEN

Kolkwitzia amabilis, Beautybush
Tsuga caroliniana, Carolina Hemlock
Malus, Flowering Crabs in large variety
Cotoneasters, choice collection from Arnold Arboretum
Picea koyamai, Koyamai Spruce
Arctostaphylos uvaursi, Potgrown, the best evergreen trailing groundcover known
Pines, Firs, Spruces, Junipers, Yews, Rhododendrons, Azaleas, Kalmias, Rose Daphne, etc., etc.

Our stock of Conifers, B. & B., suitable for fine retail trade is what the discriminating Nurseryman is looking for. We want every Nurseryman to visit Kelsey-Highlands Nursery each year. You will find it worth while.

HARLAN P. KELSEY, Owner

KELSEY-HIGHLANDS NURSERY

Salem, Massachusetts

AMERICAN NURSERYMAN

American Nursery Trade Bulletin



CHIEF EXPONENT OF THE AMERICAN NURSERY TRADE

Featuring the Nursery Trade and Planting News of American and foreign activities as they affect American conditions. Fostering individual and associated effort for the advancement of the Nursery and Planting Industry.

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Advertisements should reach this office by the 8th and 25th of the month previous to the date of publication.
If proof of advertisement is desired, time should be allowed for round trip transmission.

ROCHESTER, N. Y., JUNE 1, 1927

FOUNDER OF AMERICAN NURSERY TRADE JOURNALISM

THE FIRST Nursery trade paper in America was established in 1893, as long-time Nursery concerns know, and for nearly thirteen years was conducted under the personal and exclusive direction of Ralph T. Olcott, of Rochester, N. Y., who later founded the **AMERICAN NURSERYMAN** on broad and untrammelled lines.

"The dean of Nursery Trade Journalism."—John Watson.

IMPORTANCE OF THE TRADE PRESS

In a recent address to men connected with the press, President Coolidge said:

"Whatever has to do with the collection and transmission of information to the public is of the highest importance. It is gratifying to know that this great service to America is in the hands of men of ability and patriotism.

"There is a universal desire to serve the public in this capacity, not only interestingly, but candidly and helpfully. The fundamental institutions of our government scarcely ever fail to receive cordial support. The moral standards of society are strengthened and the intellectual vigor of the nation is increased and quickened by your constant efforts.

"The press is also an important factor in the commercial and industrial development of our country. It carries an amount of scientific information which stimulates both the production and consumption of all kinds of commodities.

"This service is always on the constructive side of affairs, encouraging men to think better, to do better and to live better. Reaching through it all, there is every assurance that today is better than yesterday, that tomorrow will be a better day than today, and that faith is justified."

The "American Nurseryman" is highly indorsed individually and collectively by the American Association of Nurserymen and by more than a score of district and state trade associations in the United States and Canada.

The Mirror of the Trade

IS THIS LEGITIMATE?

Herewith is a sample of unethical practice by the forestry authorities of Pennsylvania which the Nurserymen of that state put up squarely before John W. Keeler, chief, Bureau of Extension, whose official report on the Nurserymen's complaint appears on another page of this issue.

The Du Bois, Pa., Courier, in its issue of April 28, 1927, published the following:

DISPLAY OF TREES

IS INTERESTING AND INSTRUCTIVE

Leon Lytle, who is located in the Du-Bois Laundry Company Building has an interesting display of trees from the State Nursery at Penfield. The display in the windows has been attracting considerable attention, and it would be worth while for everyone to see it. Mr. Lytle has three or four thousand trees which have been furnished by the state department, and which he will give away to boys and girls who apply for them. The trees must be planted, however, and unless persons call for them for this purpose they will not be given trees.

The State department is making every effort to repopulate the forests of Pennsylvania, as well as help the citizens to beautify their towns and personal properties. The trees will be given away free of charge, and any person interested or who wishes to plant a tree or two in front of his property, may secure them from Mr. Lytle.

Here is announcement to the people of Du Bois and vicinity that the State department of Pennsylvania has sent to Leon Lytle of that city three or four thousand trees which he will give away to boys and girls who may turn them over to their parents or other adults "to beautify their personal properties."

It is commonly believed that the province of the State department is to reforest the land with public monies and that it is the province of commercial Nurseries to beautify personal properties in the regular course of business at the expense of personal monies.

This subject may well engage the attention of the American Association of Nurserymen in Cleveland this month. It may be necessary for a lay member to drag the matter into the limelight there.

JUST WHAT IS DOING?

What follows is directly applicable to the Nursery business, notwithstanding what leaders in that business have repeatedly said, viz: that the Nursery business is "different". As an astute Nurseryman said recently: "If it is 'different', the reason may lie in the fixed attitude of leaders in the industry."

"The individual in business no longer fights a guerrilla warfare," says Merle Thorpe, writing in The Nation's Business. "He is lined up as a private in a well-organized army battling other well-organized armies for new and potential markets and a larger share of the present ones. Competition today is not so much between individual bakers or dairymen as it is between the bakers and the dairymen as organized bodies, to induce their customers to 'eat more bread' or 'drink more milk'. This is bringing trade into the sphere of group action. Mr. Thorpe points out that it amounts to a commercial revolution as dramatic as the industrial revolution of 1800. Great economic currents, he says, are driving new channels; a new day presents a new business landscape.

"The great new force," says Mr. Thorpe, "is group endeavor. The individual is pool-

ing his resources with others in mass activity. The business man fights today for new markets and a larger share of the consumer's dollar through his trade co-operatives, and there are now 2,000 trade associations.

"The trade association idea is simple. It is based on the premise that the collective intelligence of a group of men is greater than the intelligence of any one of the individuals, and that unity of purpose and unity of action will carry an industry further in its fight for prosperity than can be done by twice the effort expended at haphazard by individuals.

"Ice manufacturers, representing a billion-dollar industry, faced with a new competition, took stock of facts, found 4,000,000 families with telephones and no ice-boxes; 8,000,000 families with automobiles and no ice-boxes. They set about to analyze markets, sell their product and service to customers, and increased sales of ice in one year by 8 per cent, despite the fact that the season was shorter and cooler than the previous year.

"Organized effort did it. There was no other way. Unity of purpose, unity of action—and facts.

"Look at the dramatic picture of the automobile industry setting out to guarantee markets for its members by selling South America, and India, and other countries the idea of good roads!"

Just what are Nursery trade organizations doing in the way of analyzing the markets, increasing sales and improving service—with unity of purpose, unity of action, and facts?

WOULD SUBSIDIZE FORESTRY

The subject of reforestation, upon which this journal touched editorially in the last issue, promises to become of increasing national interest. Just where the great Nursery industry may fit into the many plans likely to be developed on a broad scale does not yet clearly appear. It is a subject which Nurserymen may well carefully consider as time passes. Established commercial Nursery equipment backed by long experience may be of great value if it can be applied before costly government activity takes the lead.

Here comes Samuel Fraser, Geneseo, N. Y., Nurseryman, economist, former member of the Cornell University faculty, with a plan for subsidizing forestry operations. It is timely and important enough for consideration; but it needs study before judgment is pronounced. He says in Rural New Yorker:

The day of the subsidy for certain forms of farming seems to have arrived. It has come in a form particularly prone to reprisals. The remedy may be worse than the disease for the farmers supposed to be benefited. In England, when it was proposed to subsidize farming, after war control was removed, one leading Cabinet minister asked the question: "What will it cause other countries to do? Reprisals were to be feared. Once begun we do not know the end." Could not the benefits be secured without any risk of reprisal? I think so. We need to farm less land. We need to grow less of certain crops. Perhaps we need a slogan to help do it, and it is "two million more men off the farms," and the sooner the better. We need 2,000,000 farms put to some other use than growing food. New York has about 4,000,000 acres of farms abandoned, and more are going to be. These acres need not be lost to the country. Plant them and all the marginal land on the occupied farms to trees, under a well-considered

State forestry plan, and subsidize the planting. It will pay the State and nation.

Plant the right tree in the right place. Don't let average intelligence blunder along. Use the knowledge we have. If it costs \$10 to fit and plant an acre give that much subsidy to the farmer planting the land, together with the trees, provided he does the work to the specifications, and give a bonus at the end of five and another at the end of ten years if the planting has made satisfactory growth, and each year give prizes for the best-kept woodlots in each county, having classes for less than 10 acres, 10 to 20 acres, and so on. Give tax exemption for 30 years, for if there is any profit the income tax will get it when the crop is harvested. There is no large income from woods.

Conditions in Georgia

Editor American Nurseryman:

Our season which has just closed has been a very good one, and we believe the sales will equal those of last season. The demands for all sorts of Nursery stock were good, and in some items we sold out and had to buy from other growers to complete some retail orders.

Weather conditions in this section for the last two seasons have been very bad, especially during the summer months, with practically no rain and much of the young stock dying. Already this spring we are feeling the effects of lack of rain, but hope for better conditions during the summer.

The people in the South, we believe, are realizing more and more the advantage of beautifying their grounds, and, we believe the demand for Nursery stock will be on the increase.

FRUITLAND NURSERIES,

By Jas. G. Baillie.

Augusta, Ga.

In the sanctuary of the pines at Frazier Mountain, Bakersfield, Cal., May 1st the Burbank Memorial Grove was planted by the Bakersfield Garden Club and the Santa Rosa Flower Lovers' Club in the presence of Mrs. Burbank and 200 persons representing Kern County, Santa Rosa and Pasadena. In addition to the grove of eighteen trees planted in tribute to Luther Burbank, there were as many other trees planted by various local organizations.

J. Horace McFarland, a leading American Rose Expert, recently stated that the most popular rose in America, and perhaps in all English-speaking countries, was Radiance. This sounds curious to us, as we do not very often meet with it at shows or rose Nurseries, and several of our leading growers do not even catalogue it. Climate has probably more to do with it than difference of ideals.—Horticultural Advertiser, England.

To Cleveland in June

During the week of June 19-25 the American Association of Nurserymen will hold its 52nd annual convention at the Hotel Statler, and at that time Lake County, the largest Nursery section of the United States, will be host to the gathering for one day. The day in Lake County will be one of the chief features of the convention.

The committee in charge of preparations includes E. B. George, Harry W. Joiner, Paul J. Schumacher, Horton Bowden, James West, Howard Chard and Paul Fortmiller.

Tentative plans include the meeting of the special train at Mentor by automobiles to be furnished by Rotary, C. of C., Kiwanis and other civic organizations. The guests will be taken through the Nurseries, lunching at Painesville-on-the-Lake, and proceeding on to Perry where the train will be in waiting. The honor of entertaining the Nurserymen of the United States is anticipated with considerable pleasure by the local Nurserymen.

Nursery Trade Bulletin

G. L. Welch & Co., Kelsey Nurseries, St. Joseph, Mo., have added 40 acres, making a total of 350.

George D. Aiken, Putney, Vt., has added 10 acres to his growing area.

A new Nursery concern has been started at Three Rivers, Texas, by Charles Heim & Son.

Monticello, Fla., Nurseries report booking of orders for 70,000 pecan trees for fall delivery.

Bulletin on "Culture of Oriental Persimmon in California" is of value to those interested in this fruit.

An addition to its packing house has been made by the Northwestern Seed & Nursery Co., Ipswich, S. Dakota.

Westover Nurseries, Clayton, Mo., have added about 100 acres to their Nursery, making a total of 160 acres.

R. H. Simpson, son of C. A. Simpson, Simpson Nursery Co., Monticello, Fla., on April 20th married Miss Dorothy B. Conrad, Deland, Fla.

Revision of the Minnesota inspection law was made by the present legislature. Details may be obtained from the state entomologist, A. G. Ruggles, University Farm, St. Paul.

Washington Nursery Co., Toppenish, Wash., reports spring business less than that of 1926. The season was late and fruit stock has moved slowly. Growing conditions are good.

San Fernando, Cal., Nursery Co., J. D. Meriwether, president and general manager, plans an increase in rose production next year.

Floral and general horticultural business of Springfield, O., employed upwards of 500 persons and has 3,000,000 square feet of glass.

Propagating department of Willis Nurseries, Ottawa, Kan., under the direction of J. P. Foster who was formerly with Ernst Nurseries, Eaton, O., has been improved by the addition of an overhead irrigation system. C. A. Sweet, formerly of this department, is operating a greenhouse in Monte Vista, Colo.

Griffing Interstate Nurseries Company, Glen St. Mary, has been incorporated to deal in Nursery trees, shrubs. 1500 shares common stock, par value none, and 1,000 shares preferred stock, par value \$100 each. W. D. Griffing, Arthur M. Griffing, William F. Diebel, board of directors.

Progress in Control of Corn Borer—Continuance of the complete research and control program against the European corn borer, as carried on by the United States Department of Agriculture and its co-operating agencies was strongly recommended in an international conference held recently in Detroit. Representatives of the Federal, State and Canadian departments of agriculture took part in the conference, and also those from the college of agriculture and experiment stations of nearly all the Corn Belt States, leading manufacturers of farm machinery, and others. It was agreed that the corn borer situation is now so serious that the aid of the most powerful financial and business organizations of the country should be sought against the pest. A public relations committee was appointed, with this and other functions.

J. S. Armstrong, Armstrong Nurseries, Ontario, Cal., is on a trip to European points. The firm will be represented at the Cleveland convention by Murray C. McNeil.

Dr. L. H. Bailey is in Ithaca, N. Y., again after a tour of California points.

Illinois Nurseries, Henry, Ill., have a new office, garage and packing house.

Watchung Garden Nurseries, Newark, N. J., have been incorporated by Simon L. Fisch and others.

New Haven Nurseries this spring improved the parks of Waterbury, Conn., by extensive planting.

James G. Eddy, Seattle, Wash., has founded a tree breeding station in Placerville, Cal., for producing forest trees.

Onarga, Ill., Nursery Co., reports heaviest spring shipments of stock in its history. H. B. Cultra has been ill for some time.

Burwell Nurseries, Columbus, O., report lively demand for landscaping in that city.

Planting of 3400 three-year-old pecan trees along 17 miles of streets bordering a Houston, Tex., suburb has been made without the loss of a single tree.

Offer of land for the establishment of a forest seeding Nursery in Pender County, N. C., near Watha, to the state has been made by the Atlantic Coast Line Railway Company.

New Nurseries have been established by Arthur Smith, Beverly, N. J.; by H. H. Blan Nursery Co., Owasso, Okla.; Tuttle Brothers Nurseries, Pasadena, Cal.; M. J. Gibson, Arlington, Cal.; Charles Heim & Sons, Three Rivers, Tex.

The Perfection Nurseries, Foley, Ala., have planted thousands of bulbs on their land north of town. They are also planning to enlarge their greenhouse to take care of the growing demand for potted plants.

Through the generosity of A. A. Rich of the Alabama Summit Nurseries, the Court House Square in Fairhope, Ala., has been planted with sixty abelia plants. A suitable marker placed in the bed near the front step will show by whom the plants were donated.

William J. Bailey, Greenwood Floral Co., Fort Worth, Tex., is planning a Nursery, for the growing of ornamental stock, a large part of which is to be used for landscaping his various properties. J. A. Blue, formerly with the Durant, Okla., Nurseries, is in charge of the undertaking.

A packing and shipping station of substantial construction will be built by the Chandler Landscape and Floral Company, Kansas City, Mo., on their tract of land on Wornall road. Shrubs, trees and other products of the company's Nursery will be trucked to the Wornall road plant for storage or shipment to out of town destinations.

A large shipment of crape myrtle was received recently from Peradeniya, Ceylon, where the British Gardens are located, by the Teas Nursery Company, Houston, Tex., it was announced. The flowers are much larger than those formerly planted in Houston and come in colors pink, lavender and white. The firm also received a large shipment of assorted plantings.

There has been a large increase in interest in landscaping Houston homes, it was said. More flowers have been planted in Houston this year than ever before, records of the nursery show.

Arboretum Bulletin—Dr. E. H. Wilson, acting director of Arnold Arboretum, informs Harian P. Kelsey, Salem, Mass., that unless the subscription list of the arboretum bulletin is greatly increased the publication must be discontinued. Mr. Kelsey, emphasizing the importance of the bulletin, urges every A. A. N. member to subscribe at once, sending \$1 to the arboretum, Jamaica Plain, Mass. Some are entering five to 25 subscriptions.

AMERICAN FRUITS

[Reg. U. S. Pat. Off.]

Orchard and Field Prospects for Fruit Tree Nurserymen

Western New York Outing

The annual summer outing of the fruit growers of Western New York will be held under the auspices of the State Horticultural Society on the grounds of the Experiment Station at Geneva on August 10, according to an announcement of officials in charge of the meeting. It has long been the practice of the Horticultural Society to hold the summer meeting at the Experiment Station in alternate years in order that the members of the Society and their friends might inspect the work of the institution at first hand.

Details of the formal program for the day have not yet been perfected, but the Station authorities are beginning to make plans for the entertainment of visiting fruit growers. One of the chief features of the Station's work that always proves of interest to practical fruit men is the large collection of varieties of hardy fruits growing on the Station grounds. The collection of small fruits is of special interest because many of the varieties are in their prime at the time of the meeting.

Recent developments in spraying and dusting operations for the control of insect pests and diseases of fruits and vegetables can also be observed in the Station orchards and fields. Results of these tests coupled with demonstrations of spraying and dusting machinery by the leading manufacturers provide much of practical interest to the professional fruit grower. Many other activities of the Station will be open to the inspection of the visitors, including the new experiments on Nursery stock production, etc.

Sheridan Grape Making Record

Prof. U. P. Hedrick, Geneva, N. Y., says: The Sheridan grape, first sent out by the N. Y. Experiment Station, five years ago, is making a wonderful record for itself with all growers who have it. On our grounds and at Fredonia it surpasses the Concord in several respects. The vines are more productive, the bunches and berries are larger, the fruits keep several weeks longer than those of Concord, the berries do not shatter nearly as quickly as those of Concord. Most people like the grapes better than those of Concord because sweeter, richer and lacking in the Labrusca taste of the Concord. Sheridan is a cross between two well-known varieties, Herbert and Worden. It has many of the characters of both parents.

In the years I have been at this station we have fruited perhaps 20,000 seedling grapes, and this one, all workers here feel sure, is the best of the score or more sorts we have named. Just now, as you know, the grape industry in the East is in a bad way, chiefly because we cannot grow grapes nearly as cheaply as can the Californians. To compete with the Californians we must have a variety that is more productive and fruits of which will keep longer. I hope that Sheridan will turn out to fill this place in eastern grape-growing.

Orange Worm Threatens—A public hearing to consider the advisability of quarantining the State of Texas on account of the Morelos orange worm, a dangerous pest, especially of oranges and grapefruit, which has recently become established in Hidalgo and Cameron Counties, will be held at 10 a. m., June 20, 1927, at Washington, D. C., before the Federal Horticultural Board, U. S. D. A.

An unusual amount of small fruit plants was shipped this spring by E. W. Townsend & Sons, Salisbury, Md.

Frost Damage in Northwest

Reports from Hood River, Ore., are that practically all cherries were destroyed by a heavy frost April 25th; also that severe damage was done to pears and prunes in other parts of the State where the temperature dropped to 20 degrees.

Washington and Idaho suffered likewise. Orchardists in Washington, running out of fuel for their smudge pots just before dawn, when the thermometer showed 15 degrees, were unable to replenish their supply before the cold had done its work. Estimates were that two-thirds to one-half of the prune crop was destroyed and that the Jonathan apples are a total loss.

The damage to crops in Idaho Falls was estimated at \$250,000. Cherries, peaches and apricots were the principal sufferers.

Tendency To Centralize—Reports from Nurserymen show a rather light business in planting fruit trees. After last year's experience many growers lost their courage a little, and stopped planting. They felt that the business had been overdone. We think some of them carried this fear too far. They will regret it later. One significant thing about the business this year is the change in orders for certain varieties. The tendency now is to "centralize"—that is, to cut out many of the old varieties and confine planting very largely to a few new ones, or to a few old standard sorts.—Rura, New Yorker.

Standardizing Fruits—Standardization of agricultural products is engaging the attention of the U. S. Dept. Agriculture. Schedules include standardization of 40 fruits and vegetables which may affect demand for certain kinds of Nursery stock.

Minnesota Society Has 3016 Members

Minnesota Horticultural Society reports an enrollment of 3016 members for this year, including seven life members. The society formed in Rochester, Minn., 61 years ago and it will hold its 1927 meeting there in the fall.

Prof. N. E. Hansen's Fruit Novelties for 1927

Prof. N. E. Hansen, Secy., South Dakota Horticultural Society announces introduction of novelties for 1927 as follows:

Pears—Last year seedlings of the Harbin pear were distributed, grown from seed which I obtained in 1924 from fresh fruit in the mountains of North Manchuria. Many thousands of these seedlings were transplanted in the state orchard at Watertown and at the station at Brookings. It will be better to leave these until next year so they may have more years' growth before transplanting to the permanent place in orchard.

Ming Pear—Flavor delicious, melting; really a first class dessert pear. Fruit pyriform, yellow, 1½ inches x 2 inches in diameter; with minute russet dots. First distributed 1917 by scions as N. E. H. No. 25. The original tree has proven very resistant to fire blight, although many other pear trees adjacent to it died from fire blight. Have not tried artificial inoculation. The original tree bore freely the past season, 1926. Pedigree: *Pyrus Simonii* (now called *Pyrus Ovoides*) X Louise Romme de Jersey pear pollen. The hardness and blight-resistance are evidently from the Chinese pear, and the high flavor of the flesh from the French pear. Probably the fruit on budded trees will be somewhat larger. Ming was a Chinese emperor of ancient times.

Big Mid-West Development

Thousands of acres of hitherto unclaimed and unprofitable rough land in Nemaha and Richardson counties, Nebraska, Doniphan and Atchison Counties, Kansas and Buchanan County, Missouri, are rapidly being turned into very profitable holdings in what is developing to be the "midcontinent horticultural field."

In Richardson County, Nebraska, alone, in 1926, it is estimated, that five hundred acres of new trees and vineyards were set out, and a similar number will be converted from rather unprofitable farming land and wholly unprofitable hill land into horticulture next year.

Hon. Arthur J. Weaver, lawyer, horticulturist, pomologist, agriculturist, ex-mayor, banker, educator, ex-Representative and President of the Constitutional Convention whom his friends will draft to run for United States Senator to succeed George Norris, has about five hundred acres of orchard, including old and young trees.

Horticulture was pioneered in this county by Henry W. Shubert, for whom the village of Shubert is named, now a thriving little town and the center of the southeastern Nebraska apple district. Early in the eighties Mr. Shubert started apple growing in this county by setting out three hundred trees. The Shubert interests, controlled by his son, J. F. Shubert, now control more than four hundred acres of apple orchards and vineyards and three hundred more will come into bearing in 1927.

In 1926, which was a rather poor apple year, 150 carloads of apples were shipped from Richardson county, nearly two hundred cars from Nemaha and Otoe counties, and about eight hundred carloads from Doniphan county, Kansas. Most of this fruit was produced in the rich but rough country bordering along the Nebraska River.

Last year a development company composed of Lincoln capitalists entered the apple business of this section, buying more than three thousand acres of timber land overlooking the river for a price said to exceed one hundred thousand dollars. More than thirty men have been working for the past year clearing and tilling and setting out trees and grape vines in that section. About fifty acres were reclaimed in 1926 and probably two hundred will be made ready for use this year. The project is a ten-year one.

Shubert has become the center of the apple industry in the section. A large barrel and box factory has already located there and work on a vinegar factory has been completed.

Orchard Damage in Shenandoah Valley—President Nininger of Virginia Horticultural Society reports considerable damage to apple orchards in the Shenandoah Valley by the low temperature of the latter part of April.

No trees but scions only available for spring 1927.

Saponsky Pear—*Pyrus ussuriensis* from Saponsky, eastern Siberia; S. P. I. 20236. A wild pear; hardy, blight-resistant. Transplanted trees, 1 to 3 feet.

Elita Apple—Offered for the first time. An excellent sweet apple. Seedling of Wealthy topworked on Hibernia. Fruit, 2½ inches in diameter; round conical; rich light orange-yellow, red striped. Season, late fall. Name condensed from Wealthy and Hibernia. Trees, one year buds on Siberian crab stock.

Bismarck Apple—Offered for the first time. Pedigree: Bismarck apple X Mercer wild crab. The name is made up from these two names. The second of my series of hybrids of the standard apples with the wild crab in which the wild crab is the pollen parent. Roundish oblate, 2½ inches in diameter; yellow striped and mixed with brown-red; flesh, yellow, pleasant; good sub-acid; sweet. An early bearer; season, probably winter. Trees, one year buds on Siberian crab stock.

The above list, together with 18 new roses, 15 of which are offered for the first time constitutes the offering by Prof. Hansen in the 31st year of his experiments in originating new varieties at the Brookings station. He says: "Much more remains to be done. Many more varieties worthy of trial are coming on."

TRADE ASSOCIATIONS

American Association of Nurserymen—Charles Sisemore, secy., Louisiana, Mo.; 1927 Convention, Cleveland, O., June 22-24.

Alabama Nurserymen's Association—Dr. F. T. Nye, Secy., Irvington.

Arkansas Nurserymen's Ass'n.—J. E. Britt, Secy., Bentonville.

California Assn. of Nurserymen—John A. Armstrong, Jr., Secy., Ontario, Cal.

Connecticut Nurserymen's Association—A. E. St. John, Secy., Manchester; Summer meeting, Lake Compounce, Bristol.

Eastern Canada Nurserymen's Association—Chas. K. Baillie, Secy., Box 158, Welland, Ontario.

Eastern Nurserymen's Association—H. Lloyd Haupt, Secy., 151 Broadway, Rochester, N. Y.

Fruit and Flower Club of Western New York—Fred M. O'Brien, Geneva, Secy.

Illinois Nurserymen's Association—N. E. Averill, secy., Dundee, Ill., Jan. 19-20, 1928, Hotel Sherman, Chicago.

Iowa Nurserymen's Association—R. S. Herrick, secy., State House, Des Moines, Ia.

Kansas Nurserymen's Association—James N. Farley, Secy., Topeka.

Kentucky Nurserymen's Association—Alvin Kidwell, Secy., St. Matthews.

Massachusetts Nurserymen's Association—Winthrop H. Thurlow, secy., West Newbury, Mass.

Michigan Association of Nurserymen—C. A. Krill, secy., Kalamazoo.

Minnesota Nurserymen's Association—W. T. Cowperthwaite, Secy., 20 W. Fifth St., St. Paul.

Missouri Nurserymen's Association—George H. Johnston, secy., Kansas City Nurs., Kansas City, Mo.

Nebraska Nurserymen's Association—Ernst Herminghaus, Secy., Lincoln.

New England Nurserymen's Association—W. N. Craig, Weymouth, Mass.

New Jersey Association of Nurserymen—John Marselle, secy., Wyckoff, N. J.

New York Nurserymen's Association—Charles J. Maloy, secy., Rochester, N. Y.

Northern Retail Nurserymen's Association—C. H. Andrews, secy., Faribault, Minn.

Ohio Nurserymen's Association—Howard N. Scarff, secy., New Carlisle, O.

Oklahoma Nurserymen's Association—W. E. Rey, secy., Oklahoma City.

Pacific Coast Association of Nurserymen—C. A. Tonneson, secy., Burton, Wash. 1927 convention, July 12-14, Heathman Hotel, Portland, Ore.

Pennsylvania Association of Nurserymen—Floyd S. Platt, secy., Morrisville, Pa.

Rocky Mountain Nurserymen's Assn.—S. W. Marshall, Secy., 3045 W. 36th Ave., Denver, Colo.

Rhode Island Nurserymen's Association—H. H. DeWilt, secy., 521 Elmwood Ave., Providence, R. I.

Rio Grande Valley Nurserymen's Assn.—H. L. Bonnycastle, secy., Mercedes, Tex.

South Dakota State Nurserymen's Association—J. B. Taylor, secy., Ipswich.

Southeastern Nurserymen's Ass'n.—Otto Buseck, Secy., Asheville, N. C.

Southern Alabama Nurserymen's Ass'n.—W. H. Pollock, Irvington, Secy.

Southern Nurserymen's Association—W. C. Daniels, Secy., Pomona, N. C., Sept. 14-16, 1927, Jacksonville, Fla.

South Texas Nurserymen's Assn.—W. R. McDaniel, Alvin, Tex., secy.

Southwestern Nurserymen's Association—Thomas B. Foster, Secy., Denton, Tex., 1927 Convention, Sept. 21, Galveston, Texas.

Tennessee Nurserymen's Association—Prof. G. M. Bentley, secy., Knoxville, Tenn.

Western Association of Nurserymen—George W. Holsinger, secy., Rosedale, Kan.

Western Canada Nurserymen's Association—T. A. Torgeson, secy., Estevan, Sask.

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A DEPENDABLE DIGGER

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FOR TRADE
ADVERTISEMENTS

AMERICAN NURSERYMAN—Semi-Monthly

1st of Month Issue.

15th of Month Issue

First Forms: - 23rd each month

First Forms: - 8th each month

Last Forms: - 25th each month

Last Forms: - 10th each month

If proofs are wanted, copy should be in hand previous to above dates.

American Fruits Pub'g Co., P. O. Box 124, Rochester, N. Y.

THIS PAGE PRESENTS

American Nurseryman Directory of American Plant Propagators

**Listing Nursery Concerns Which Specialize in Production of Young Stock
Including That Which Has Heretofore Been Imported**

The American Plant Propagators' Association, Organized in 1919, Will Hold its Ninth Annual Meeting
in Cleveland, Ohio, June, 1927. E. M. Jenkins, Winona, Ohio, Secretary

TWO-INCH BLOCKS ONLY ARE SOLD IN THIS DIRECTORY. EACH BLOCK \$5.00 PER MONTH UNDER YEARLY
CONTRACT, INCLUDING PUBLICATION TWICE A MONTH, ON THE 1ST AND 15TH

HILL'S EVERGREENS FOR LINING OUT

Complete assortment of Evergreens including Fir, Juniper, Spruces, Pines, Yews, Arbor Vitae, Cedrus, Taxus, Biota, etc. Also deciduous ornamental trees and shrubs in wide variety. Your patronage is appreciated.

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Evergreen Specialists

Largest Growers in America

Box 402

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Headquarters for

LINING OUT STOCK

Large Assortment

WELL GROWN—NONE BETTER

See Our Lists Before Buying

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HEMLOCK SPRUCE
ARBOR VITAE MAPLES
JUNIPER VIBURNUM

and other good items.

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"Grown in Vermont, It's Hardy."

WE HAVE THEM You May Want Some

Norway, Sycamore and Silver
Maples; Pin, Red, Mossy Cup, Cates-
baei and Willow Oaks.

Butterfly Bush, Dogwoods, Deut-
zias, Forsythia, Spireas, etc.

Our Trade List is ready.

Get next to one.

Atlantic Nursery Co.

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Grown from cuttings planted this
spring, consisting of Moore's Early, and
Concords. Graded as in former years:
1 yr. XX; 1 yr. No. 1; 1 yr. No. 2; 1 yr.
No. 3. Will have possibly 10,000 Moore's
Early, 3 yr. transplanted vines. Cut
back this spring should be Extra Strong
vines. Correspondence solicited.

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Seedlings—Transplants—Cuttings
Grown under glass

Also Apple Trees, Shade Trees,
Hedgeplants, Shrubs, Vines, Peony.

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FOR LINING OUT

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Acer ginnala and campestre, Cornus
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Complete line of Evergreens, shrubs and
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FLOWERING SHRUBS,
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We produce the greatest variety of
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CUTTINGS

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Five Million Seedlings Out of Ground Already

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Odorata, rooted Rosa Manetti, rooted
Quince.

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American Nurseryman Directory of American Plant Propagators

Listing Nursery Concerns Which Specialize in Production of Young Stock,
Including That Which Has Heretofore Been Imported

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Lining-out Evergreens

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And small pot stock for growing on

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more complete than ever before.

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take pleasure in showing you over
our grounds.

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of the Nursery Trade

AMERICAN ASSOCIATION OF NURSERYMEN

Secy-Treas. and Traffic Manager, Charles Sizemore, Louisiana, Mo.

Cleveland Convention Program

Tuesday, June 21st

Arrangements Committee has provided for
a trip around the residential district of
Cleveland, and the Nurseries at Painesville.
Tour of Lake County Nursery Districts,
as guests of the Lake County Nursery As-
sociation.

Wednesday, June 22nd

Possible Trip Through Leading Residential
District of Cleveland.

Call to order by President May.

Invocation—Rev. F. H. Groom.

Address of Welcome—Mr. Hopkins, City
Manager, for Mayor.

Response.

President's Address.

Report of Arrangements Committee.

Report of Crown Gall Progress for 1927,
I. E. Melhus.

Report of Secretary and Treasurer.

Talk—"The Nurseryman's Obligation to
the Consumer"—A. D. Taylor, Cleveland, O.

Talk—"Question of State Nurseries"—J.
Howes Humphreys, Philadelphia, Pa.

Talk—"The Nurserymen of the Future"—
L. W. Ramsey Co., Davenport, Ia.

Thursday, June 23d

Executive Session.

Report of Standardization Committee—
E. S. Welch.

Report of Vigilance Committee—Secretary.

"Radio Advertising"—Earl D. Needham,
Des Moines, Iowa.

Open meeting.

"How to Get Greater Distribution of Our
Products"—Mr. John W. Gorbey, 1425 So.
Racine Ave., Chicago, Ill.

Report of Botanical Gardens Committee—
Robert Pyle.

"Financial Status of Crown Gall Pro-
ject"—Prof. O'Kane.

Report of Distribution Committee, and
completing reports of Committees.

Evening—Boat ride with dancing.

Friday, June 24th

"Control of Crown Gall by Graft Treat-
ment"—Mr. Waite, of the Office of Fruit
Investigation, U. S. Department of Agricul-
ture.

"Legislative Problems"—Henry Moon and
Attorney M. Q. Macdonald.

Discussion—"Hansen Hybrid Plums"—

George A. Marshall, Arlington, Nebraska.

Discussion—"Minnesota Hybrids"—M. R.
Cashman, Owatonna, Minn., and E. C. Hil-
born, Valley City, N. D.

Business Session.

Recommendations for next convention.

Recommendations by Executive Commit-
tee.

Business session to close by noon.

Nursery Tour on Tuesday

Tuesday, June 21st, is the date for tour
of Nursery district of Lake County, Ohio,
guests of the Lake County Nurserymen.

The committee in charge must have in-
formation in advance of your coming, in
order to provide accommodations. Please
drop a card to some one of the following
Committeemen:

W. B. Cole, Painesville, O.

T. B. West, Perry, O.

J. J. Grulleman, Mentor, O.

Paul Shumaker, Perry, O.

Arthur Champion, Perry, O.

E. B. George, Painesville, O.

Plans have been made for a comfortable
and easy trip, with lunch served at a beauty
spot on the shore of Lake Erie, returning
by special train from Painesville to Cleve-
land in the late afternoon.

Be sure and plan to make this trip, and
please notify the committee in advance, as
to how many you will have in your party.

E. B. George, Chairman

ILLINOIS NURSERYMEN'S ASSOCIATION

N. E. Averill, Dundee, Secretary

Next Illinois Association Convention

The Board of Directors of the Illinois
Nurserymen's Association has designated
the Hotel Sherman, Chicago, January 19-20,
1928, as the place and time for the next an-
nual convention of the association. Secre-
tary N. E. Averill suggests that Nurserymen
make memorandum accordingly.

AMERICAN PLANT PROPAGATORS ASSOCIATION

E. J. Jenkins, Winona, O., Sec'y.

The annual meeting of the American Plant
Propagators Association will be held at the
Statler Hotel, Cleveland, Ohio, June twenty-
first at 8:15 p. m.

Dr. Crocker of the Boyce-Thompson Insti-
tute has been engaged to give the main ad-
dress of the evening.

A Constitution has been prepared by the
officers of this organization and will be pre-
sented at this meeting for adoption.

At Louisville, Kentucky, last year the
American Plant Propagators Association
meeting was one of the most enthusiastic
meetings in any way connected with the
American Association of Nurserymen.

Application for membership and annual
dues of \$5.00 should be mailed either to E.
M. Jenkins, secretary, Winona, Ohio, or to
W. B. Cole, president, Painesville, Ohio.

Any information of special interest bear-
ing upon plant propagation would be gladly
received by the officers of this organization
to be presented at the annual meeting.

W. B. COLE, President.

AMERICAN ROSE SOCIETY

Robert Pyle, West Grove, Pa., Secy.

The rose as described below has been ap-
proved by the Registration Committee, is pro-
posed for registration as follows:

CLIMBING SOUV. DE CLAUDIUS PERNET
—A Climbing Hybrid Tea—sport of Souv.
de Claudius Pernet.

This rose is a very free grower and hardy.
In all respects it is like its parent, Souv. de
Claudius Pernet, different only in its climb-
ing habit. Originated with William A.
Geiger, North Wales, Pa.

If no objections are raised to the under-
signed within six weeks after publication of
this notice, the registration of the above
Rose will become permanent.

ROBERT PYLE, Sec'y.

May 19, 1927.

When writing to advertisers just mention
American Nurseryman.

SEED AND PLANT IMPORTATIONS BY GOVERNMENT

From the latest inventory (April 1927) of seeds and plants imported by the Office of Foreign Plant Introduction, Bureau of Plant Industry, during the period July 1 to Sept. 30, 1924, the following extracts are made as being of chief interest to readers of this Journal:

Prune—From Czechoslovakia. Budsticks presented by Dr. Ales Hrdlicka, United States National Museum, Washington, D. C. Received September 15, 1924.

Some years ago Doctor Hrdlicka received from Czechoslovakia a shipment of trees and shrubs. These were planted on Tilden Street, Washington, D. C. One of the trees, a prune, has shown such value that Doctor Hrdlicka has called it to our attention with the recommendation that it be propagated and given wide distribution in this part of the United States.

This prune, from specimens which we have examined recently, appears very similar to the French prune in character of fruit. The latter does not succeed in the climate of Washington, whereas Doctor Hrdlicka's tree bears heavy crops annually, and the fruit seems almost immune to the attacks of curculio and other pests. The ripening season is September and October.

Prunus glandulosa Thunb—From Rochester, N. Y. Budwood presented by William L. G. Edson, in charge of the herbarium, Department of Parks. Received September 19, 1924.

This was grown from seeds originally brought from Manchuria by C. S. Sargent. The shrub, 15 to 20 years old, is about 5 feet high, and the fruit is the size of a large sweet cherry. (George M. Darrow, Bureau of Plant Industry.)

This pink-flowered Chinese shrub, often grown as an ornamental, bears abundant fruits, with a fresh acid flavor, which make excellent preserves.

Chinese elm—From Nanking, China. Seeds purchased from Dr. J. H. Reisner, College of Agriculture, University of Nanking. Received July 11, 1924.

The Chinese elm, originally introduced some years ago, is proving a valuable acquisition to the semiarid regions of this country because of its resistance to alkali, drought, and extremes of temperature. As a windbreak and ornamental shade tree it has become popular in regions where other shade trees do not thrive.

Cotoneaster salicifolia rugosa—From Kew, England. Seeds presented by Dr. Arthur W. Hill, Director, Royal Botanic Gardens. Received November 10, 1923. Numbered July, 1924.

A very handsome Chinese shrub with long pendulous branches and wrinkled, narrow leaves with the lower surfaces covered with down. The small, scarlet berries contrast very effectively with the autumnal tints of the foliage.

Hymenosporum flavum—An ornamental

evergreen shrub or tree, sometimes becoming 50 feet high, from Australia. The leaves are up to 9 inches long, and the fragrant flowers, yellow marked with red at the throat, are over an inch across. Its symmetrical pyramidal habit and rapid growth make it promising as a street tree for the Gulf States and California.

Avocado—From Honolulu, Hawaii. Budwood presented by Gerrit P. Wilder. Received July 24, 1924.

Wilder. The seed of the original tree of the Wilder was obtained by Gerrit P. Wilder from F. W. McFarlane, who lived on the Wiedemann place, now known as the Macdonald Hotel. Mr. Wilder planted the small seedling tree in his private garden at 1930 Ualakaa Street, Makiki, Honolulu, in 1900. Although the tree grew vigorously for eight years and bore fruit abundantly, it gradually began to show signs of unsatisfactory soil conditions, and new trees were propagated from it by inarching on seedling rootstocks. The variety was maintained through inarching the progeny, from which there has been developed a large number of individuals. When grown in proper environment the Wilder is a vigorous tree of rather upright growth and produces an abundance of fruit of excellent quality. The variety is easily propagated by budding. The fruit ripens during October, November, December, and January.

Hybrid plum—From Koslov, Tambov Government, Russia. A form developed at the Plant Introduction Garden, Chico, Calif., from one of the original 14 cuttings received in 1911 from I. V. Mijurin, Koslov, through Frank N. Meyer, agricultural explorer. Numbered July, 1924.

Fruit $1\frac{1}{2}$ to $1\frac{3}{4}$ inches in diameter; pale yellow mottled with brownish, irregular blotches; cavity small, shallow; suture more or less prominent; skin thick; flesh yellow, melting, very juicy and deliciously sweet; pit small, practically free.

Hybrid peach—A hybrid originated at the Plant Introduction Garden, Chico, Calif., and now numbered, July 1924, for convenience in distribution.

The variety was produced by J. E. Morrow, superintendent of the Chico Garden, by crossing the Bolivian Cling (S. P. I. No. 36126) and the Quetta nectarine (S. P. I. No. 34684). A description of the fruit follows:

Fruit nearly round, 2 inches in diameter; cavity medium sized, mid-abrupt; suture mostly distinct, shallow; apex with very small point; skin light greenish yellow, overlain with red at stem end and side, slightly tough, separating readily from the flesh, with heavy tomentum; flesh white, little fiber, juicy, firm, pleasing peachy flavor, clinging to pit; pit large for size of fruit, $1\frac{1}{4}$ inches by 1 inch. A good fruit for home use.

Chestnut—From Palembang, Sumatra. Seeds presented by the Government Botanic Garden. Received July 15, 1924. Tree No.

148-E. Collected April 20, 1924, at Palembang, Sumatra.

This species is of the 2-seeded to 3-seeded type and thus presumably one with edible nuts, since the other three species which I know from this region with more than one seed in a bur are edible. The nuts resemble somewhat those of *Castanopsis sumatrana*, but are of some other species, and very different from any the department is now growing. (Carl Hartley, Bureau of Plant Industry.)

Chestnut—From Buitenzorg, Java. Plants presented by Dr. C. J. J. Van Hall, Department of Agriculture, Buitenzorg, through Carl Hartley, Bureau of Plant Industry. Received July 18, 1924.

No. 2. An evergreen East Indian chestnut 50 to 60 feet high, with thin, narrow leaves about 7 inches long and dense clusters of spiny burs; each bur is about 2 inches wide and usually contains a single nut an inch in diameter. According to Doctor Hartley, these nuts are edible.

Pili nut—From Manila, Philippine Islands. Nuts presented by H. T. Edwards, Bureau of Plant Industry. Received July 29, 1924.

Pili nuts as grown in the Philippines are quite variable in quality, and these now sent in by Mr. Edwards are from particularly choice strains. The tree which is rarely cultivated, is tall, at times reaching 130 feet in height, with dark-green, pinnate leaves over a foot long. According to P. J. Wester (Food Plants of the Philippines), the triangular, pointed nut, inclosed in a black, shining shell, is excellent when eaten raw or roasted and is of high food value.

Revised Destructive Insect and Pest Act of Canada prohibits:

Importation of all five-leaved species of *Pinus* into Alberta and British Columbia from the other provinces; and removing the restrictions upon the movement into those provinces of gooseberries and red and white currants.

After July 1, 1927 the sale or other disposition (for planting or other purposes) of all species of black currants in the Dominion, except within the provinces of Alberta, Manitoba and Saskatchewan and certain counties in Ontario; on account of White pine blister rust.

Importation of rooted plants, grafts, or cuttings of currants and gooseberries except standard commercial varieties of gooseberries and red and white currants and the fruits of either currants or gooseberries, from all countries; on account of white pine blister rust.

Importation of all fresh peaches and peach Nursery stock from the states of Wisconsin, Illinois, Missouri, Tennessee and Mississippi and the area east of those states; and from all other states of the United States unless accompanied by a statement as to the state in which the peaches were grown; also prohibiting the importation of peach pits or seeds into British Columbia from the five states above named and the area east of them. This on account of the oriental peach moth.

ROSES



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California

Field-grown
Carefully graded

Budded low on Manetti Stock

Wire or write for quotations
CALIFORNIA NURSERY CO.

GEO. C. ROEDING, President
Niles, California



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PRODUCTS
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SATISFACTION

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Specialties

Amoor River North Privet, 2 yr.,
2-3 and 3-4 ft., well branched.
Bungei Catalpa, 4½-8 ft. stems.
Lombardy Poplar, 5-6 to 10-12 ft.
Thurlo Willow, 5-6 to 10-12 ft.
Lonicera Bella Albida, 2-3 to 5-6
ft.
Deutzia Pride 2-3 to 5-6 ft.
Forsythia Asst., 2-3 to 4-5 ft.
Tamarix Asst., 2-3 to 5-6 ft.
Purple Wisteria, 2 & 3 yrs.

EVERGREENS—Biotas and Jun-
ipers, in good supply.
Early Harvest B. B. root grown
plants.
Long list of Ornamentals in gen-
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And other conifers.

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Extra Heavy 3-yr. Asparagus, \$5 M
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Sample on Request

Tied in Bundles of 25, 750 Plants in a Bag.
VARIETIES

50,000 Conovers Colossal	\$4.00
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75,000 Washington Pedigreed	5.00
25,000 Reading Giant	4.00

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fruit trees, shade trees and ornamentals;
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Red or White, Plain or Printed

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We grow in large quantity for the trade especially

Strawberry Plants, Blackberry

King, Cuthbert, Trans. and Suckers, As-
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rants. Also Cuttings of same.

Write for list and price.

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We carry large stocks of the following
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SPADES & SHOVELS, Leonard Long Strap in 8
styles, and Genuine Molybdenum.

PRUNING SHEARS, Hand, Hedge, and Lopping.
Wiss, Disston, Tiffany (all steel)
Columbia, Clyde, Cronk, and Boker.
S. Kunde & Son (Dresden, Germany)

PRUNING SAWS, Disston, all styles.

KNIVES, Kunde and best American makes.

HOES, RAKES, FORKS, CULTIVATORS, ETC.

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Send for catalog listing Tree, Shrub,
Perennial and Evergreen Seed. Col-
lected from all parts of the world.

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6235 Ross St., Germantown, Philadelphia

UNIFORMITY IN QUARANTINE AND REGULATIONS

THE National Plant Board meeting in Washington on May 12 and 13 reports gratifying progress in its efforts toward securing harmony and uniformity in the quarantine and regulatory work of the whole country. This board is made up of two members from each of four regional boards, each of which comprises representatives from all the states in its area. These regional boards aim to reach by common agreement among the states concerned uniformity in Nursery inspection and other matters demanding state action in the control of insects and diseases. The National Plant Board hopes to accomplish for the country as a whole what these regional boards are endeavoring to bring about in the four state groups.

Mexican Fruit Fly—The National Board spent some time discussing with the Federal Horticultural Board what may be done to protect the citrus industry of this country from damage by the Mexican fruit fly, the larva of which develops in citrus fruits, particularly grape fruit.

New Beetle in Eastern States—There was also announced the presence in the eastern states of a new beetle which has been found attacking flowers, shrubs and garden plants. The board recommended that the life history and distribution of this insect be investigated.

White Pine Blister Rust—A request was presented to the Federal Horticultural Board for early reconsideration of that portion of the regulations issued under the Federal White Pine Blister Rust Quarantine pertaining to the interstate movement of currants and gooseberries other than black currants.

For Uniform Inspection—There was considerable discussion of plans presented for a uniform system of inspection and certification of greenhouse plants and hardy perennials. The proposed plans in amended form were referred to the various regional boards for approval.

To Guide Future Quarantines—A committee was appointed to draw up and present a statement embodying principles which

should govern the placing of all quarantines on insects and diseases of plants. The board proposes to make a thorough study of this subject and after the results of its study have been submitted to and approved by the regional boards, they will be presented as a guide for future quarantine work.

Nursery Stock Fees and Bonds—Reports from regional boards indicated a general agreement that the imposition of license fees and bonds in connection with the sale of Nursery stock should be discontinued.

Officers elected by the Board for 1927 are: Chairman, Lee A. Strong, Assistant Director of Agriculture, Sacramento, Cal.

Vice-Chairman, Wilmon Newell, Plant Commissioner, Gainesville, Fla.

Secretary-Treasurer, W. A. McCubbin, Plant Pathologist, Harrisburg, Pa.

Burning for Corn Borer—The burning apparatus which the government is using against the corn borer is the most effective but at the same time the most costly method of destroying the pest. It will be used on fields with an especially heavy infestation or in fields which, because of low wet areas or other physical features, it would be difficult to plow or otherwise handle.

The Baby Ramblers will, as usual, have charge of the banquet at the annual convention of the A. A. N. at Hotel Statler, Cleveland, O. The program will be interesting. Dancing will follow. Paul J. Schumaker has called a meeting of the Baby Ramblers for June 20th, evening, at Hotel Hollenden.

Florida Horticultural Society met in 34th annual session in Bradentown April 12-15. Norman A. Reasoner, Royal Palm Nurseries, Oneco, Fla., was elected treasurer. The members visited the Nurseries at Oneco.

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ALABAMA NURSERYMEN'S ASSOCIATION

Dr. F. T. Nye, Irvington, Secretary

Annual meeting of the Alabama Nurserymen's Association was held in Montgomery May 23-24. S. M. Dinwiddy, chairman of the State Agricultural Board; B. P. Livingston of Montgomery, H. L. Goode, chairman of the legislative recess committee, and Professor Funchess of Auburn were among the speakers.

A feature of the meeting was a report of the conference on May 1st in Mobile of members of the Mobile County Nurserymen's Association, several members of which attended the Montgomery meeting. At that conference resolutions were adopted indorsing the proposed sub-experiment station in Irvington, favoring the state-wide stock law and criticizing the school board for awarding a contract to supply shrubbery to the new million dollar high school to an out-of-state Nurseryman. Members of the association declared Mobile County Nurserymen were not advised that bids were to be opened. A fourth resolution put the association on record as heartily in accord with the necessity to the 1,000 or more citrus growers for thorough inspection service in the Alabama citrus district.

A barbecue was a feature of the Montgomery meeting.

Great Neck, N. Y. Nurseries, have been incorporated \$10,000, by J. A. and N. Brooks and J. Maynard.

Obituary

George Bishop Sudworth, Chief Dendrologist of the United States Forest Service, dean of the forestry profession in the United States, and distinguished authority on American trees, died at his home in Chevy Chase, D. C., May 10, after a very brief illness.

Leonard W. Hall

Leonard W. Hall, Sr., of L. W. Hall & Co., Rochester, N. Y., pioneer Nurseryman of Western New York, died suddenly May 28th. Mr. Hall entered the Nursery business with the old firm of Lyon & Fisk, and later entered into partnership with the late Harrison A. Lyon, establishing the Eagle Nursery Company in 1872. Mr. Hall was born in Germany in 1848, coming to this country at the age of 6 years. He was active in politics. He is survived by his wife, four daughters, five sons, a sister, a brother, ten grandchildren and two great grandchildren.

George T. Powell

George T. Powell, president of the Horticultural Society of New York from 1910 to 1914, died at his home at Brookfield, Mass., May 20, after a long illness. He was widely known as a fruit grower, educator, lecturer and publicist. Mr. Powell was born in Dutchess county, N. Y., March 30, 1843. In 1919 he moved to Brookfield. He established the School of Practical Agriculture at Briarcliff Manor, which later became part of the agricultural department of Columbia University. Mr. Powell contributed matter of interest to the American Nurseryman.

Elon L. Yeomans

Elon L. Yeomans, Nurseryman for many years in Walworth and Honeoye Falls, N. Y., died last month, aged 76. He leaves a brother and two grandsons.

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Constituting in Reality Monthly National Conventions of the Nurserymen of America—The Forum of the Trade—
Note the Participants—These Contents Headings Preserved in Files of the Journal Constitute a Record
of the Important Trade Events of a Year—For Ready Reference

DECEMBER 1, 1926	FEBRUARY 1, 1927	APRIL 1, 1927
Sterility, Varieties, Pedigrees By Dr. U. P. Hedrick 135	Working on Nursery Problems By Dr. William Crocker 31	Legal Plant Protection By A. M. Augustine 115
The Greatest Nursery District Painesville, O., Section 136	Miss Smith Sets the Pace On Christmas Tree Problem 31	Seasonal Trade Reports Regarding Spring Sales 116
Production Scenes in Nursery At Storrs & Harrison's 138	Illinois Nurserymen Are Advised By President Miles W. Bryant 32	Canadian Horticultural Council Annual Meeting in Ottawa 117
Finding Blight Resistant Pear By Robertson-Vistica Nursery 139	Seed Store As an Outlet By W. L. Oswald 32	Advice To the Purchaser By an Iowa Nurseryman 118
Japanese Beetle Conference By Penn. Nurserymen 139	Pointers for Nursery Salesmen By Charles Henry Mackintosh 34	Quarantine Announcement As To Segregation Rules 118
When Farmers Become Prosperous Nurserymen Will Profit Directly 140	Lesson in Distribution 38	High Pressure Salesmanship Criticism by a Reader 122
Producing Domestic Fruit Stock Interests Dr. M. B. Walte 141	Etiquette for Architects 38	A Popular Standardization The Book of Plant Names 122
Secret of 75 Years' Success Outlined by Edward C. Greening 141	Pennsylvania Nurserymen's Association 39	Question of Bud Selection By H. A. Borling, Ohio 123
Two Coming Events in Chicago Illinois Ass'n & A. A. N. Meetings 142	Eastern Nurserymen's Association 39	Cherry Root Stocks By Robertson-Vistica Co. 126
80-Year Old Nurserymen in Rockies Annual Pilgrimage by T. A. McBeth 145	New Method to Control Crown Gall 40	Profit from Advertising By H. B. Berning 129
	Cafeteria Nursery Plan 40	
DECEMBER 15, 1926	FEBRUARY 15, 1927	APRIL 15, 1927
Aid By Nurserymen for the Planter By G. A. Marshall 115	Interesting Ohio Features H. S. Day's Radio Talk 35	Evergreens Suited for Oklahoma By W. E. Rey 143
Practical Business Pointers By Roy F. Wilcox 118	Suggestions for Salesmen's Use By Chas. Henry Mackintosh 36	Survey of Lake County, Ohio Largest Nursery Center 144
Northern Retail Nurserymen Ass'n. Program of Minneapolis Convention 117	For Okla. Nurserymen to Consider By President Jim Parker 37	The Cole Family of Painesville Outline of Development 145
Schools for Nurserymen in Ohio Arranged by State Association 117	Illinois Nurserymen's Association Convention Proceedings 38	Many Interested in Arboretum Plans for Progress 150
Illinois Association Convention Program of Practical Topics 116	Eastern Canada Nurserymen By C. H. K. Baillie 39	Manual of Cultivated Plants By Alfred Rehder 151
The Dansville Nurseries Known the World Over 116	New England Nurserymen In Annual Convention 38	Kirkman Nurseries Expand Entry to Tracy, Cal. Section 154
American Association Nurserymen Committees for 1926-27 118	Real Pointers from Experience By President A. S. Buskirk 41	Pointers for the Progressive Creating and Supplying Demand 157
Service to New York Nurserymen Offered by Geneva Expt. Station 120	New Jersey Nurserymen By Secretary John Marseille 42	Dr. George G. Atwood Retires From Bureau Plant Industry 157
Special Fruit Studies in Illinois Demand for New Varieties 121	Rhode Island Nurserymen By Hugo H. de Wildt 45	Pointers on City Beautification By Jacob L. Crane 158
Secretary Sizemore's Financial Report 126	Kentucky Nurserymen's Assn. In Annual Convention 42	Some Current Literature The Iris and the Gladiolus 151
Coming Nursery Ass'n Events 122		
JANUARY 1, 1927	MARCH 1, 1927	MAY 1, 1927
As to Ethics and Friendship By E. A. Smith, Minn. 7	Co-operative Nursery Advertising By George W. Kelly 59	Rates To Landscape Architects By Prof. Karl B. Lohman 171
Northern Retailers Association In Annual Convention 8	Disinfectants In Horticulture By William P. Stark 60	A Typical Spring Scene In Geneva, N. Y., Nurseries 171
Diseases of the Raspberry By Geo. M. Darrow 9	Apple and Root Knot By J. A. McClintock 61	Nurseries of Miami Valley, O. To See on Cleveland Visit 172
A Year-End Retrospect Trade Topics by Leaders 10	Federal Regulatory Announcements During a Quarter Year 61	Siebethaler's Development During Six Decades 172
P. Ussuriensis As Root Stock By Louis Vistica, Cal. 11	Ohio Nurserymen's Association Lively Convention Proceedings 62	To Prevent Enormous Waste By J. Warren Kinsman 173
Fruit Tree Seedling Stocks By C. A. Tonneson, Wash. 11	Boston for A. A. N. in 1929 Action In New England 66	Cleveland Convention Program For June 1927 Meeting 173
Arboretum Committee Work By Chairman Robert Pyle 12	National Arboretum Bill Passed by Congress 67	Nursery Trade Bulletin Snap Shots in Trade Circles 174
Importations of Nursery Stock By States and Special Permits 14	Ohio Nurseries To See In June On A. A. N. Convention Trip 64	Washington Nursery Co. Plans Under Bank Trusteeship 174
Arkansas Nurserymen's Assn. In Annual Convention 17	American Association Plans For Cleveland Convention 73	A Potent Ally of Nurserymen American Rose Society 176
Illinois Convention Program 17	Fruit and Flower Club A Salesmen's Organization 74	Prospects for Fruit Nurserymen 173
Michigan Horticulturists 22		Production of American Seedlings 181
JANUARY 15, 1927	MARCH 15, 1927	MAY 15, 1927
Good Goods at Fair Price By E. M. Sherman, Ill. 7	"Careful As To Whom We Sell" By T. A. Milstead 87	Cherry Stocks Compared By M. Y. Agricultural Sta. 195
Protest on Inspection Rules By C. C. Mayhew, Tex. 7	As To Nurserymen's Guaranties Samples of Trade Practice 87	Miami Valley, Ohio, Nurseries Extend Welcome to A. A. N. 196
New York State Nurserymen In Annual Convention 8	Government Seedlings To Farmers Iowa Nurserymen Opposed 88	Production Costs and Profit For Nurserymen's Products 198
Business Methods of Retailers By Col. W. M. Mumm 8	Petition for Receiver Filled By George Parker 89	Miss. Valley Flood Disaster Shows Need of Reforestation 200
Certain Wholesalers Rebuked By New York Association 9	State Aid for Nurserymen By N. Y. Experiment Station 92	Nation-Wide Campaign For Apple Industry 202
State Aid Nursery Industry By Dr. R. N. Thatcher 9	National Arboretum Bill Signed by President Coolidge 94	Nursery Stock Studies Under Special Appropriation 202
Action on Excess Shipments By Secy. Chas. Sizemore 10	Department of Publicity Suggested by Harry O'Brien 95	A. A. N. Convention Arrangements For Park and Estates Tour 206
For Wholesalers To Think Of N. Y. Retailers Report 11	Keeping Busy Year Around By H. H. DeWildt 95	Fruit Breeding Methods Described By N. Y. Experiment Sta. 202
Certain Trade Relations By George D. Aiken, Vt. 15	Oklahoma Nurserymen's Meeting By Secretary W. E. Rey 96	Nursery Industry of Tenn. Sees Rapid Expansion 199
The Need for Selling Stock By N. A. Reasoner, Fla. 15	Washington Garden Plans For New Location 102	Troy, Kansas, Nurseries In Their Infancy 199

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A paper which gives the best value for the money to the reader will give the best value to the advertiser as well. I don't think there is any argument about the soundness of this view—H. Dumont, Chicago, Ill., in Printer's Ink.

WE ARE HEADQUARTERS FOR LINING OUT STOCK



Hill's Evergreens

May 15 marks the close of Spring 1927 shipping. We wish to thank all of our trade customers for the business of this Spring. At the same time, we must look ahead to next season. The old order of buying nursery stock has changed. Our traveling representatives have been calling on the trade covering Fall 1927 and Spring 1928, delivery for 30 days. Where it is possible to estimate needs in advance, the early buyer has the advantage.

The following items are selected from our Fall list. We will gladly quote prices or call where possible:



BALSAM FIR



ARIZONA FIR



DOUGLAS FIR

	Inch	Per 100 Each	Per 1000 Each
<i>Abies arizonica</i>	4-6 x	10e	8e
<i>Abies balsamea</i>	4-6 x	7c	6c
<i>Abies concolor</i>	6-8 xx	30e	25c
<i>Abies fraseri</i>	4-6 x	7c	6c
<i>Abies homolepis</i>	4-6 x	10c	8e
<i>Abies veitchii</i>	4-6 x	8e	7c
<i>Cedrus deodara</i>	6-8 o	10c	9c
<i>Juniperus chinensis</i>	6-8 o	84e	74c
<i>Juniperus chinensis albobariegata</i>	4-6 o	174e	164c
<i>Juniperus chinensis pfitzeriana</i>	6-8 x	14c	13c
<i>Juniperus communis</i>	6-8 o	44e	34c
<i>Juniperus communis depressa</i>	6-8 o	74e	64c
<i>Juniperus communis depressa aurea</i>	4-6 x	20e	18c
<i>Juniperus communis hibernica</i>	8-10 x	134e	124c
<i>Juniperus communis suecica</i>	4-6 x	13c	12c
<i>Juniperus excelsa stricta</i>	4-6 x	15c	14c
<i>Juniperus horizontalis douglasii</i>	4-6 x	15c	14c
<i>Juniperus japonica</i>	4-6 x	18c	17c
<i>Juniperus japonica</i>	8-10 xx	324e	30c
<i>Juniperus japonica sylvestris</i>	4-6 x	15c	14c
<i>Juniperus sabina</i>	4-6 x	15c	14c
<i>Juniperus sabina</i>	8-10 x	25c	224c
<i>Juniperus sabina pyramidalis</i>	4-6 x	174e	164c
<i>Juniperus sabina tamariscifolia</i>	4-6 x	15c	14c
<i>Juniperus sabina von ehren</i>	4-6 x	174e	164c
<i>Juniperus scopulorum</i>	4-6 o	8c	6c
<i>Juniperus virginiana</i>	6-8 o	7c	6c
<i>Juniperus virginiana kosteri</i>	4-6 x	15c	14c
<i>Juniperus virginiana pyramidalis</i>	8-10 xx	40c	35c
<i>Larix europea</i>	6-8 o	3c	2c
<i>Libocedrus decurrens</i>	2-4 o	34e	24c
<i>Pachysandra terminalis</i>	6-8 x	6c	44c
<i>Picea canadensis</i>	6-8 o	44c	34c
<i>Picea canadensis</i>	8-10 x	124e	114c
<i>Picea canadensis albertiana</i>	4-6 o	44c	34c
<i>Picea canadensis albertiana</i>	4-6 x	10c	9c
<i>Picea engelmannii</i>	4-6 o	44c	34c
<i>Picea excelsa</i>	4-6 o	24c	14c
<i>Picea excelsa</i>	8-10 x	10c	9c
<i>Picea omorica</i>	4-6 o	74c	64c
<i>Picea pungens</i>	4-6 o	44c	34c
<i>Picea pungens</i>	8-10 x	174e	164c
<i>Pinus montana uncinata</i>	4-6 o	34c	24c
<i>Pinus mughus</i>	6-8 x	14c	13c
<i>Pinus nigra</i>	4-6 x	4c	3c
<i>Pinus resinosa</i>	4-6 o	4c	3c
<i>Pinus strobus</i>	4-6 o	3c	2c
<i>Pinus strobus</i>	6-8 x	9c	8c
<i>Pinus strobus</i>	4-6 o	24c	14c
<i>Pinus sylvestris</i>	8-10 x	9c	8c
<i>Pseudotsuga douglasii</i>	4-6 o	44c	34c
<i>Pseudotsuga douglasii</i>	8-10 x	174e	164c
<i>Taxus canadensis</i>	2-4 o	10c	9c
<i>Taxus cuspidata</i>	4-6 x	20c	19c
<i>Taxus cuspidata nana</i>	4-6 x	20c	19c
<i>Thuja occidentalis</i>	6-8 x	6c	5c
<i>Thuja occidentalis</i>	10-12 xx	10c	84c
<i>Thuja occidentalis douglasii aurea</i>	8-10 x	15c	14c
<i>Thuja occidentalis douglasii pyramidalis</i>	4-6 x	11c	10c
<i>Thuja occidentalis douglasii pyramidalis</i>	8-10 x	15c	14c
<i>Thuja occidentalis globosa</i>	6-8 x	14c	13c
<i>Thuja occidentalis hoveyi</i>	8-10 x	15c	14c
<i>Thuja occidentalis little gem</i>	6-8 xx	25c	24c
<i>Thuja occidentalis lutea</i>	6-8 x	15c	14c
<i>Thuja occidentalis pyramidalis</i>	4-6 x	10c	9c
<i>Thuja occidentalis pyramidalis</i>	8-10 x	15c	14c
<i>Thuja occidentalis rosenthalii</i>	4-6 x	15c	14c
<i>Thuja occidentalis wareana</i>	4-6 x	11c	10c
<i>Thuja occidentalis wareana</i>	6-8 x	15c	14c
<i>Thuja occidentalis woodwardii</i>	6-8 x	15c	14c
<i>Thuja orientalis</i>	6-8 o	4c	3c
<i>Thuja orientalis aurea conspicua</i>	6-8 x	20c	19c
<i>Thuja orientalis aurea nana</i>	6-8 x	10c	14c
<i>Thuja orientalis bonita</i>	6-8 x	15c	14c
<i>Thuja orientalis compacta</i>	6-8 x	15c	14c
<i>Thuja orientalis pyramidalis</i>	6-8 x	15c	14c
<i>Tsuga canadensis</i>	6-8 x	164c	15c



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